

# Microsoft

## Exam Questions PL-300

Microsoft Power BI Data Analyst



### NEW QUESTION 1

HOTSPOT - (Topic 1)

You need to create a visualization to meet the reporting requirements of the sales managers.

How should you create the visualization? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Visualization type:

Indicator:

Trend axis:

Target goals:

These are the selections for Indicator

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

Scenario: The sales managers require a visual to analyze sales performance versus sales targets.

Box 1: KPI

A Key Performance Indicator (KPI) is a visual cue that communicates the amount of progress made toward a measurable goal.

Box 2: Sales[sales\_amount]

Box 3: Date[month]

Time > FiscalMonth. This value will represent the trend. Box 4: Targets[sales\_target]

### NEW QUESTION 2

- (Topic 1)

You need to get data from the Microsoft SQL Server tables. What should you use to configure the connection?

- A. import that uses a Microsoft account
- B. DirectQuery that uses the end-user's credentials
- C. DirectQuery that uses a database credential
- D. Import that uses a database credential

**Answer:** B

### NEW QUESTION 3

- (Topic 1)

You need to address the data concerns before creating the data model. What should you do in Power Query Editor?

- A. Select Column distribution.
- B. Select the sales\_amount column and apply a number filter.
- C. Select Column profile, and then select the sales\_amount column.
- D. Transform the sales\_amount column to replace negative values with 0.

**Answer:** C

### NEW QUESTION 4

- (Topic 1)

What should you create to meet the reporting requirements of the sales department?

- A. a measure that uses a formula of SUM (Sales [sales\_id])
- B. a calculated column that use a formula of COUNTA(sales [sales\_id])
- C. a measure that uses a formula of COUNTROWS (Sales)
- D. a calculated column that uses a formula of SUM (Sales [sales\_id])

Answer: C

Explanation:

The sale department requires reports that contain the number of sales transactions.  
The COUNTROWS function counts the number of rows in the specified table, or in a table defined by an expression.  
Reference:  
<https://docs.microsoft.com/en-us/dax/countrows-function-dax>

NEW QUESTION 5

HOTSPOT - (Topic 1)  
You publish the dataset to powerbi.com.  
For each of the following statements, select Yes if the statement is true. Otherwise, select No.  
NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
You need an on-premises data gateway to refresh the dataset.	<input type="radio"/>	<input type="radio"/>
You need to configure a scheduled refresh of the dataset.	<input type="radio"/>	<input type="radio"/>
You can use Basic authentication on the dataset to connect to the data.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
You need an on-premises data gateway to refresh the dataset.	<input checked="" type="radio"/>	<input type="radio"/>
You need to configure a scheduled refresh of the dataset.	<input checked="" type="radio"/>	<input type="radio"/>
You can use Basic authentication on the dataset to connect to the data.	<input type="radio"/>	<input checked="" type="radio"/>

NEW QUESTION 6

DRAG DROP - (Topic 2)  
Once the profit and loss dataset is created, which four actions should you perform in sequence to ensure that the business unit analysts see the appropriate profit and loss data? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

From powerbi.com, assign the analysts the Contributor role to the workspace.

From powerbi.com, add role members to the roles.

From Power BI Desktop, add a Table Filter DAX Expression to the roles.

From Power BI Desktop, create four roles.

From Power BI Desktop, publish the dataset to powerbi.com.

Answer Area

>

<

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



<https://docs.microsoft.com/en-us/power-bi/admin/service-admin-rls> <https://docs.microsoft.com/en-us/power-bi/connect-data/service-datasets-build-permissions>

**NEW QUESTION 7**  
HOTSPOT - (Topic 2)

You need to calculate the last day of the month in the balance sheet data to ensure that you can relate the balance sheet data to the Date table. Which type of calculation and which formula should you use? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

**Answer Area**

Type of calculation:

Formula:

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**  
Box 1: A DAX Calculated measure  
Box 2: Date.EndOfQuarter(#date([Year],[Mont],1))  
ENDOFQUARTER returns the last date of the quarter in the current context for the specified column of dates. The following sample formula creates a measure that returns the end of the quarter, for the current context.  
= ENDOFQUARTER(DateTime[DateKey])

**NEW QUESTION 8**  
DRAG DROP - (Topic 2)

You need to create a DAX measure in the data model that only allows users to see projections at the appropriate levels of granularity. How should you complete the measure? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content. NOTE: Each correct selection is worth one point.

**Values**

**Answer Area**

Total Projected Revenue =

Value (

NOT ( Value ( 'Date'[Date] ) ),

Value ( Projection[Revenue Projection] )

)

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**  
Scenario: Revenue projections are set at the monthly level and summed to show projections for the quarter.  
Box 1: IF  
Box 2: ISFILTERED  
ISFILTERED returns TRUE when columnName is being filtered directly. If there is no filter on the column or if the filtering happens because a different column in the same table or in

a related table is being filtered then the function returns FALSE. Box 3: SUM

#### NEW QUESTION 9

HOTSPOT - (Topic 2)

How should you distribute the reports to the board? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Grant access by:

Sharing individual reports
Using a workspace membership
Using an app

Grant access to:

A dynamic distribution list
A mail-enabled security group
Individual user emails

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

Box 1: Using a workspace membership Scenario:

The company wants to provide a single package of reports to the board that contains custom navigation and links to supplementary information.

Note: Workspace is a shared environment for a group of people. You can have multiple Power BI content in a workspace. One workspace can have hundreds of dashboards, reports, and datasets in it.

Box 2: A mail-enabled security group Scenario: Security Requirements

The reports must be made available to the board from powerbi.com. A mail-enabled security group will be used to share information with the board.

#### NEW QUESTION 10

- (Topic 2)

Which DAX expression should you use to get the ending balances in the balance sheet reports?

- A. CALCULATE (SUM( BalanceSheet [BalanceAmount] ), DATESQTD( 'Date'[Date] ))
- B. CALCULATE (SUM( BalanceSheet [BalanceAmount] ), LASTDATE( 'Date'[Date] ))
- C. FIRSTNONBLANK ( 'Date' [Date]SUM( BalanceSheet[BalanceAmount] ))
- D. CALCULATE (MAX( BalanceSheet[BalanceAmount] ), LASTDATE( 'Date' [Date] ))

**Answer:** A

#### Explanation:

Scenario: At least one of the balance sheet reports in the quarterly reporting package must show the ending balances for the quarter, as well as for the previous quarter.

DATESQTD returns a table that contains a column of the dates for the quarter to date, in the current context.

Reference:

<https://docs.microsoft.com/en-us/dax/datesqtd-function-dax>

#### NEW QUESTION 10

- (Topic 2)

You need to create the relationship between the product list and the revenue results. The solution must minimize the time it takes to render visuals.

What should you set as the relationship cardinality?

- A. One to one
- B. Many to one
- C. One to many
- D. Many to many

**Answer:** C

#### NEW QUESTION 15

- (Topic 2)

Which two types of visualizations can be used in the balance sheet reports to meet the reporting goals? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. a line chart that shows balances by quarter filtered to account categories that are long- term liabilities.
- B. a clustered column chart that shows balances by date (x-axis) and account category (legend) without filters.
- C. a clustered column chart that shows balances by quarter filtered to account categories that are long-term liabilities.
- D. a pie chart that shows balances by account category without filters.
- E. a ribbon chart that shows balances by quarter and accounts in the legend.



**Answer:** AE

**Explanation:**

<https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-types-for-reports-and-q-and-a>

**NEW QUESTION 16**

HOTSPOT - (Topic 3)

You need to create the Top Customers report.

Which type of filter should you use, and at which level should you apply the filter? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Filter type:

	▼
Top N	
Basic	
Advanced	

Level:

	▼
Page	
Visual	
Report	

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Top N

Scenario: The Top Customers report will show the top 20 customers based on the highest sales amounts in a selected order month or quarter, product category, and sales region.

Once you drag to SKU to Visual level filter you should get Top N option Note: The two most common filter types: automatic and manual.

Then there are more advanced filters.

Box 2: Visual

Once you drag to SKU to Visual level filter you should get Top N option.

**NEW QUESTION 18**

- (Topic 3)

You need to design the data model to meet the report requirements. What should you do in Power BI Desktop?

- A. From Power Query, use a DAX expression to add columns to the Orders table to calculate the calendar quarter of the OrderDate column, the calendar month of the OrderDate column, the calendar quarter of the ShippedDate column, and the calendar month of the ShippedDate column.
- B. From Power Query, add columns to the Orders table to calculate the calendar quarter and the calendar month of the OrderDate column.
- C. From Power BI Desktop, use the Auto date/time option when creating the reports.
- D. From Power Query, add a date table.
- E. Create an active relationship to the OrderDate column in the Orders table and an inactive relationship to the ShippedDate column in the Orders table.

**Answer:** B

**Explanation:**

Use Power Query to calculate calendar quarter and calendar month.

Scenario:

? A single dataset must support all three reports:

- The Top Customers report will show the top 20 customers based on the highest sales amounts in a selected order month or quarter, product category, and sales region.

- The Top Products report will show the top 20 products based on the highest sales amounts sold in a selected order month or quarter, sales region, and product category.

? The data model must minimize the size of the dataset as much as possible, while meeting the report requirements and the technical requirements.

**NEW QUESTION 22**

- (Topic 3)

You need to minimize the size of the dataset. The solution must meet the report requirements. What should you do?

- A. Change the OrderID column in the Orders table to the text data type.
- B. Filter out discontinued products while importing the Product table.
- C. Remove the QuantityPerUnit column from the Products table.
- D. Group the Categories table by the CategoryID column.

**Answer:** C

### NEW QUESTION 23

- (Topic 3)

You need to create the On-Time Shipping report. The report must include a visualization that shows the percentage of late orders. Which type of visualization should you create?

- A. bar chart
- B. scatterplot
- C. pie chart

**Answer:** A

#### Explanation:

Scenario: The On-Time Shipping report will show the following metrics for a selected shipping month or quarter:

The percentage of orders that were shipped late by country and shipping region

Customers that had multiple late shipments during the last quarter

Note: Bar and column charts are some of the most widely used visualization charts in Power BI. They can be used for one or multiple categories. Both these chart types represent data with rectangular bars, where the size of the bar is proportional to the magnitude of data values.

The difference between the two is that if the rectangles are stacked horizontally, it is called a bar chart. If the rectangles are vertically aligned, it is called a column chart.

Reference:

<https://www.pluralsight.com/guides/bar-and-column-charts-in-power-bi>

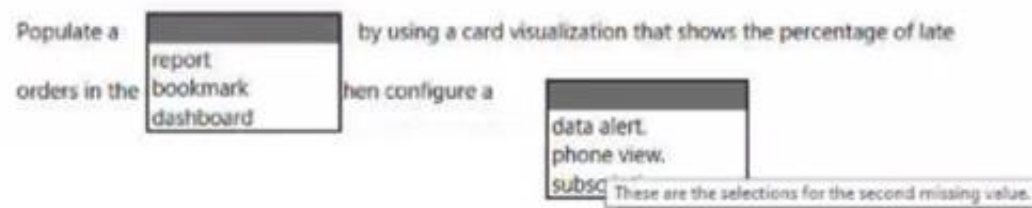
### NEW QUESTION 28

HOTSPOT - (Topic 3)

You need to create a solution to meet the notification requirements of the warehouse shipping department.

What should you do? To answer, select the appropriate options in the answer area. NOTE: Each correct select is worth one point:

Answer Area



- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

Answer Area



### NEW QUESTION 32

- (Topic 3)

You need to configure access for the sales department users. The solution must me meet the security requirements. What should you do?

- A. Add the sales department as a member of the reports workspace
- B. Add the Azure Active Directory group of the sales department as an Admin of the reports workspace.
- C. Distribute an app to the users in the Azure Active Directory group of the sales department.
- D. Share each report to the Azure Active Directory group of the sales department.

**Answer:** B

### NEW QUESTION 36

FILL IN THE BLANK - (Topic 4)

You have a Power BI report that contains a measure named Total Sales.

You need to create a new measure that will return the sum of Total Sates for a year up to a selected date. How should you complete the DAX expression? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

Answer as selected.

Answer Area

```
Measure =
TOTALYTD (
    [Total Sales],
    Date[Date]
)
```

#### NEW QUESTION 41

- (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have five reports and two dashboards in a workspace.

You need to grant all organizational users read access to one dashboard and three reports Solution: In Microsoft Azure Active Directory (Azure AD), part of Microsoft Entra, you create

a group that contains all the users. You share each selected report and the one dashboard to the group.

Does this meet the goal?

- A. Yes
- B. No

**Answer: B**

#### NEW QUESTION 43

- (Topic 4)

You have a Power BI report

You have a table named Dalai that contains 10 million rows. Data is used in the following visuals:

- A card that shows the number of records
- A bar chart that shows total transaction amount by territory
- A scatter plot that shows transaction amount and profit amount on the axes and points colored by territory

You need to modify the scatter plot to make it easier for users to identify meaningful patterns. The solution must not affect the accuracy of the other visuals-What should you do?

- A. Apply a row filter to the Dalai query in Power Query Editor.
- B. Add a trend line to the scatter plot
- C. Enable high-density sampling on the scatter plot
- D. Add a count field of the transaction amount to the size bucket of the scatter plot

**Answer: B**

#### NEW QUESTION 46

HOTSPOT - (Topic 4)

You need to create a visual as shown in the following exhibit.

MonthName	Total Sales	Sales Last Year	% Growth to Last Year
January	£559,263.79	£144,365.51	74.19%
February	£583,915.29	£215,923.28	63.02%
March	£684,091.92	£211,347.46	69.11%
April	£957,686.49	£350,270.97	63.43%
May	£841,473.26	£310,708.65	63.08%
June	£876,911.71	£298,356.83	65.98%
July	£922,410.09	£348,435.28	62.23%
August	£1,002,219.24	£388,213.68	61.26%
September	£1,152,976.22	£407,595.76	64.65%
October	£1,262,647.67	£465,583.06	63.13%
November	£555,548.44	£555,548.44	0.00%
December	£553,615.45	£553,615.45	0.00%
<b>Total</b>	<b>£9,952,759.56</b>	<b>£4,249,964.36</b>	<b>57.30%</b>

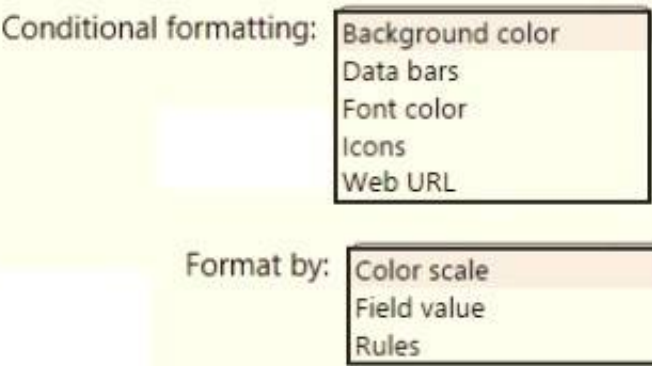
The indicator color for Total Sales will be based on % Growth to Last Year. The solution must use the existing calculations only.

How should you configure the visual? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.



**Answer Area**



- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Background color  
To format the Color column based on its field values, select Conditional formatting for the Color field, and then select Background color or Font color. In the Background color or Font color dialog box, select Field value from the Format by drop-down field.  
Box 2: Field value  
With conditional formatting for tables in Power BI Desktop, you can specify customized cell colors, including color gradients, based on field values.

**NEW QUESTION 47**

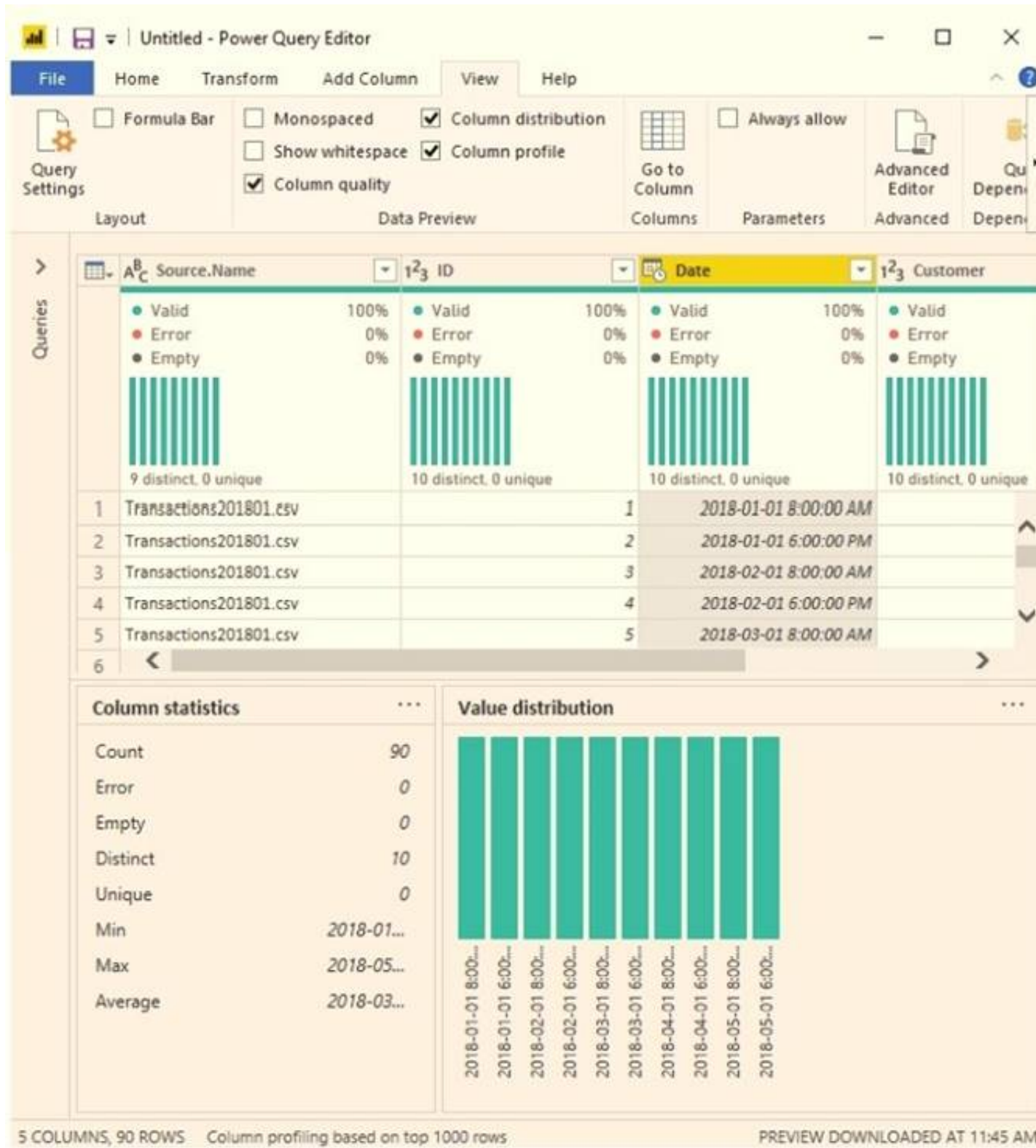
- (Topic 4)  
What should you do to address the existing environment data concerns?

- A. a calculated column that uses the following formula: ABS(Sales[sales\_amount])
- B. a measure that uses the following formula: SUMX(FILTER('Sales', 'Sales'[sales\_amount] > 0)),[sales\_amount])
- C. a measure that uses the following formula: SUM(Sales[sales\_amount])
- D. a calculated column that uses the following formula: IF(ISBLANK(Sales[sales\_amount]),0, (Sales[sales\_amount]))

**Answer:** B

**NEW QUESTION 50**

HOTSPOT - (Topic 4)  
You view a query named Transactions as shown in the following exhibit.



The query gets CSV files from a folder.

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

**Answer Area**

There are [answer choice] CSV files:

Removing duplicates based on the Date column will reduce the dataset to [answer choice] rows:

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

Box 1: 9

9 distinct CSV files.

Box 2: 10

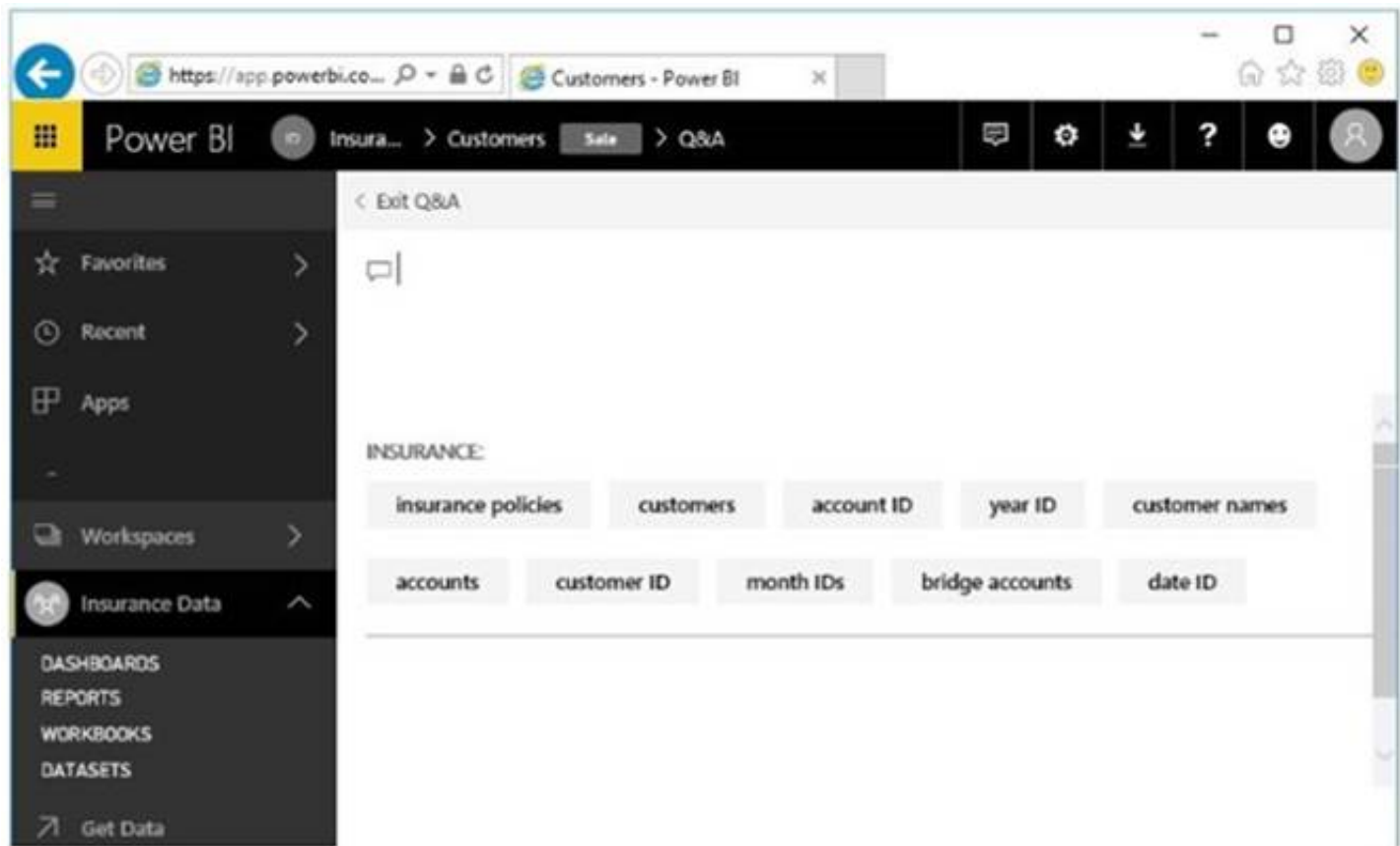
10 distinct dates.

<https://pediaa.com/what-is-the-difference-between-unique-and-distinct-in-sql/#:~:text=Unique%20and%20Distinct%20are%20two%20SQL%20constraints, the%20records%20from%20a%20table.>

**NEW QUESTION 51**

HOTSPOT - (Topic 4)

You open powerbi.com as shown in the following exhibit.



Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.  
NOTE: Each correct selection is worth one point.

**Answer Area**

A tenant administrator created a data classification that has a shorthand of [answer choice.]

Customers  
Insurance  
Insurance Data  
Sale

The dashboard uses a dataset named [answer choice].

Customers  
Insurance  
Insurance Data  
Sale

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

References: <https://docs.microsoft.com/en-us/power-bi/service-data-classification>

**NEW QUESTION 55**

- (Topic 4)

You have a CSV file that contains user complaints. The file contains a column named Logged. Logged contains the date and time each complaint occurred. The data in Logged is in the following format: 2018-12-31 at 08:59. You need to be able to analyze the complaints by the logged date and use a built-in date hierarchy. What should you do?

- A. Change the data type of the Logged column to Date.
- B. Apply a transform to extract the last 11 characters of the Logged column and set the data type of the new column to Date.
- C. Create a column by example that starts with 2018-12-31 and set the data type of the new column to Date.
- D. Apply a transform to extract the first 11 characters of the Logged column.

**Answer:** C

**NEW QUESTION 58**

- (Topic 4)

You are creating a query to be used as a Country dimension in a star schema. A snapshot of the source data is shown in the following table.

You need to create the dimension. The dimension must contain a list of unique countries. Which two actions should you perform? Each correct answer presents part of the solution.

- Answer: AD**

To create a dimension table for Country from your source data, you need to perform these two actions<sup>34</sup>:

it is not a descriptive attribute of Country. You can create another dimension table for City if you want to use it in your analysis.

countries in your dimension table, so you need to remove any duplicate values from this column.

## DRAG DROP - (Topic 4)

You perform an initial load of the data from a Microsoft Excel source as shown in the following exhibit.

You plan to create several visuals from the data, including a visual that shows revenue split by year and product.

contain.

correct order.

A. Mastered  
B. Not Mastered

**Answer: A**

**Step 1: Select Use Header as First Row.**

Unpivot Other Columns: This command unpivots unselected columns. Use this command in a query when not all columns are known. New columns added during a refresh operation are also unpivoted.

You might want to unpivot data, sometimes called flattening the data, to put it in a matrix format so that all similar values are in one column. This is necessary, for example, to create a chart or a report.



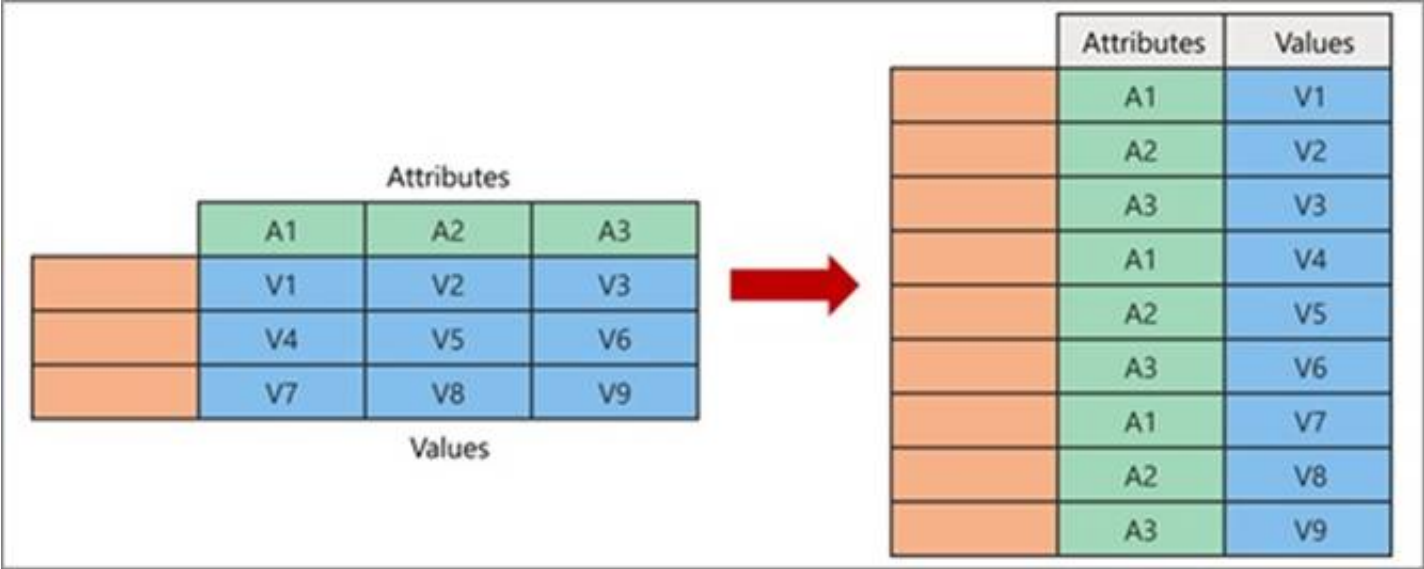


Chart Description automatically generated with medium confidence

When you unpivot, you unpack the attribute-value pairs that represent an intersection point of the new columns and re-orient them into flattened columns: Values (in blue on the left) are unpivoted into a new column (in blue on the right). Attributes (in green on the left) are unpivoted into a new column (in green on the right) and duplicates are correspondingly mapped to the new Values column.

NEW QUESTION 68

HOTSPOT - (Topic 4)

You have a table that contains a column named Phone. The following is a sample of the data in the Phone column.

436-555-0160  
385-555-0140  
452-555-0179  
290-555-0196  
1 (11) 500 555-0122  
128-555-0148  
819-555-0186  
996-555-0192  
138-555-0156  
556-555-0192

You need to add a new column that contains the data in the format of nnn-nnn-nnnn. How should you complete the Query Editor formula? To answer, select the appropriate options in the answer area.  
NOTE: Each correct selection is worth one point.

`= Table.AddColumn("#Previous Step", "Custom", each Text.`

▼

Insert

Remove

Replace

ReplaceRange

`(Text.`

▼

At

End

Middle

Range

 `([Phone], 12), " ", "-"))`

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

References:  
https://docs.microsoft.com/en-us/powerquery-m/text-replace https://docs.microsoft.com/en-us/powerquery-m/text-end

NEW QUESTION 70

HOTSPOT - (Topic 4)

You have two CSV files named Products and Categories. The Products file contains the following columns:

- ? ProductID
- ? ProductName

? SupplierID

? CategoryID

The Categories file contains the following columns:

? CategoryID

? CategoryName

? CategoryDescription

From Power BI Desktop, you import the files into Power Query Editor.

You need to create a Power BI dataset that will contain a single table named Product. The Product will table includes the following columns:

? ProductID

? ProductName

? SupplierID

? CategoryID

? CategoryName

? CategoryDescription

How should you combine the queries, and what should you do on the Categories query? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

#### Answer Area

Combine the queries by performing a:

Append
Merge
Transpose

On the Categories query:

Delete the query.
Disable the query load.
Exclude the query from report refresh.

A. Mastered

B. Not Mastered

**Answer: A**

**Explanation:**

#### Answer Area

Combine the queries by performing a:

Append
Merge
Transpose

On the Categories query:

Delete the query.
Disable the query load.
Exclude the query from report refresh.

#### NEW QUESTION 71

- (Topic 4)

You have a large dataset that contains more than 1 million rows. The table has a datetime column named Date.

You need to reduce the size of the data model. What should you do?

A. Round the hour of the Date column to startOfHour.

B. Change the data type of the Date column to Text.

C. Trim the Date column.

D. Split the Date column into two columns, one that contains only the time and another that contains only the date.

**Answer: D**

**Explanation:**

We have to separate date & time tables. Also, we don't need to put the time into the date table, because the time is repeated every day.

Split your DateTime column into a separate date & time columns in fact table, so that you can join the date to the date table & the time to the time table. The time need to be converted to the nearest round minute or second so that every time in your data corresponds to a row in your time table.

Reference:

<https://intellipaat.com/community/6461/how-to-include-time-in-date-hierarchy-in-power-bi>

#### NEW QUESTION 74

- (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You create a parameter named DataSourceExcel that holds the file name and location of a Microsoft Excel data source.

You need to update the query to reference the parameter instead of multiple hard-coded copies of the location within each query definition.

Solution: You add a Power Apps custom visual to the report. Does this meet the goal?

- A. Yes
- B. No

**Answer:** A

#### NEW QUESTION 76

- (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this scenario, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a clustered bar chart that contains a measure named Salary as the value and a field named Employee as the axis. Salary is present in the data as numerical amount representing US dollars.

You need to create a reference line to show which employees are above the median salary.

Solution: You create an average line by using the Salary measure. Does this meet the goal?

- A. Yes
- B. No

**Answer:** B

#### Explanation:

Instead create a percentile line by using the Salary measure and set the percentile to 50%. Note: The 50th percentile is also known as the median or middle value where 50 percent of observations fall below.

Reference:

[https://dash-intel.com/powerbi/statistical\\_functions\\_percentile.php](https://dash-intel.com/powerbi/statistical_functions_percentile.php)

#### NEW QUESTION 80

- (Topic 4)

In Power BI Desktop, you are creating visualizations in a report based on an imported dataset

You need to allow Power BI users to export the summarized data used to create the visualizations but prevent the users from exporting the underlying data

What should you do?

- A. From Power BI Desktop, configure the Data Load settings for the current file.
- B. From the Power BI service, configure the dataset permissions.
- C. From Power BI Desktop, configure the Report settings for the current file.
- D. From Power BI Desktop, modify the data source permissions.

**Answer:** C

#### Explanation:

<https://learn.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-export-data?tabs=powerbi-desktop>

The export functionality can be disabled on several levels. First, Power BI Service admins can disable this functionality on tenant level. With that, nobody will be able to export the data. More about that later. Second, as a dataset owner you can decide if you allow your users to export the data. This is managed in dataset settings, but only changeable in Power BI desktop.

No matter what settings are applied in Power BI desktop, the tenant settings will overrule this. In the end the Power BI Service admin decides what options are possible to use.

<https://data-marc.com/2020/04/13/power-bi-governance-why-you-should-consider-to-disable-export-to-excel/>

#### NEW QUESTION 81

- (Topic 4)

You have a report that contains a donut chart and a clustered column chart. Interactions between the visuals use the default settings.

You need to modify the report so that when you select a column in the column chart, the

donut chart redraws by using the data from the selected column. What should you do?

- A. Select the column chart and set the donut chart interaction to None.
- B. Select the column chart and set the donut chart interaction to Filter.
- C. Select the donut chart and set the column chart interaction to Filter.
- D. Select the donut chart and set the column chart interaction to None.

**Answer:** B

#### NEW QUESTION 84

- (Topic 4)

Note: This question is part of a series of questions that use the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is the same in each question in this series.

You have a Microsoft SQL Server database that contains the following tables.

Table name	Column name	Data type
Order	Order_ID	Integer
	Order_date	Integer
	Order_amount	Currency
	Customer_ID	Integer
	Order_ship_date	Integer
	Store_ID	Integer
Customer	Customer_ID	Integer
	First_name	Varchar(100)
	Last_name	Varchar(100)
	Customer_photo	Binary
Date	Date_ID	Integer
	Date_name	Datetime
	Month	Integer
	Week	Integer
	Year	Integer
Monthly_returns	Month_ID	Integer
	Total_returns	Float
	Store_ID	Varchar(100)
Store	Store_ID	Integer
	Name	Varchar(100)
	City	Varchar(100)
	Sales_target	Float

The following columns contain date information:

- Date[Month] in the mmyyyy format
  - Date[Date\_ID] in the ddmmyyyy format
  - Date[Date\_name] in the mm/dd/yyyy format
  - Monthly\_returns[Month\_ID] in the mmyyyy format
- The Order table contains more than one million rows.

The Store table has a relationship to the Monthly\_returns table on the Store\_ID column. This is the only relationship between the tables.

You plan to use Power BI Desktop to create an analytics solution for the data.

You need to create a relationship between the Order table and the Store table on the Store\_ID column.

What should you do before you create the relationship?

- A. In the Order table query, use the Table.TrasformRows function.
- B. In the Store table query, use the Table.TrasformRows function.
- C. In the Store table query, use the Table.TrasformColumnTypes function.
- D. In the Order table query, use the Table.TrasformColumnTypes function.

**Answer: C**

#### NEW QUESTION 89

HOTSPOT - (Topic 4)

You need to create a Power BI report. The first page or the report must contain the following two views:

- \* Sales By Postal Code
- \* Sales by Month

Both views must display a slicer to select a value for a field named Chain.

The Sales By Postal Code view must display a map visual as shown in the following exhibit.

**Answer Area**

Minimum number of bookmarks:

Property:

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**



**Answer Area**

Minimum number of bookmarks:

Property:

Display | Current page

**NEW QUESTION 94**

- (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You create a parameter named DataSourceExcel that holds the file name and location of a Microsoft Excel data source.

You need to update the query to reference the parameter instead of multiple hard-coded copies of the location within each query definition.

Solution: You modify the source step of the queries to use DataSourceExcel as the file path.

Does this meet the goal?

- A. Yes
- B. No

**Answer: A**

**Explanation:**

Parameterising a Data Source could be used in many different use cases. From connecting to different data sources defined in Query Parameters to load different combinations of columns.

Reference:

<https://www.biinsight.com/power-bi-desktop-query-parameters-part-1/>

**NEW QUESTION 97**

- (Topic 4)

You have data in a Microsoft Excel worksheet as shown in the following table.

	A	B	C
1	SKU	price	discount
2	P00001	100	0.08
3	P00002	150	0.03
4	P00003	130	#DIV/0!
5	P00004	200	0.06
6	P00005	80	#NAME?
7	P00006	350	#N/A
8	P00007	100	#NULL!
9	P00008	200	0.05
10	P00009	135	#NUM!
11	P00010	90	#REF!
12	P00011	120	#VALUE!

You need to use Power Query to clean and transform the dataset. The solution must meet the following requirements:

- If the discount column returns an error, a discount of 0.05 must be used.
- All the rows of data must be maintained.
- Administrative effort must be minimized. What should you do in Power Query Editor?

- A. Select Keep Errors
- B. Edit the query in the Query Errors group.
- C. Select Replace Errors
- D. Select Remove Errors.

**Answer: C**

**NEW QUESTION 101**

- (Topic 4)

Your company has training videos that are published to Microsoft Stream. You need to surface the videos directly in a Microsoft Power BI dashboard. Which type of tile should you add?

- A. video

- B. custom streaming data
- C. text box
- D. web content

**Answer:** D

**Explanation:**

<https://docs.microsoft.com/en-us/stream/portal-embed-video> <https://docs.microsoft.com/en-us/power-bi/create-reports/service-dashboard-add-widget#add-web-content>

**NEW QUESTION 102**

- (Topic 4)

You have an Azure SQL database that contains sales transactions. The database is updated frequently.

You need to generate reports from the data to detect fraudulent transactions. The data must be visible within five minutes of an update.

How should you configure the data connection?

- A. Add a SQL statement.
- B. Set Data Connectivity mode to DirectQuery.
- C. Set the Command timeout in minutes setting.
- D. Set Data Connectivity mode to Import.

**Answer:** B

**Explanation:**

With Power BI Desktop, when you connect to your data source, it's always possible to import a copy of the data into the Power BI Desktop. For some data sources, an alternative approach is available: connect directly to the data source using DirectQuery.

DirectQuery: No data is imported or copied into Power BI Desktop. For relational sources, the selected tables and columns appear in the Fields list. For multi-dimensional sources like SAP Business Warehouse, the dimensions and measures of the selected cube appear in the Fields list. As you create or interact with a visualization, Power BI Desktop queries the underlying data source, so you're always viewing current data.

Reference:

<https://docs.microsoft.com/en-us/power-bi/connect-data/desktop-use-directquery>

**NEW QUESTION 103**

- (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

From Power Query Editor, you profile the data shown in the following exhibit.

	IoT GUID	IoT DateTime	IoT ID
	<div><div>Valid</div><div>Error</div><div>Empty</div></div> <div>100%</div> <div>0%</div> <div>0%</div>	<div><div>Valid</div><div>Error</div><div>Empty</div></div> <div>100%</div> <div>0%</div> <div>0%</div>	<div><div>Valid</div><div>Error</div><div>Empty</div></div> <div>100%</div> <div>0%</div> <div>0%</div>
1	48196321-38D9-EC11-883D-0022489A2...	21/05/2022 18:59:25	100001000
2	49196321-38D9-EC11-883D-0022489A2...	21/05/2022 18:59:26	100001001
3	0300C742-38D9-EC11-883D-0022489A2...	21/05/2022 19:00:21	100001002
4	0400C742-38D9-EC11-883D-0022489A2...	21/05/2022 19:00:21	100001003
5	0500C742-38D9-EC11-883D-0022489A2...	21/05/2022 19:00:21	100001004
6	0600C742-38D9-EC11-883D-0022489A2...	21/05/2022 19:00:21	100001005

The IOT ID columns are unique to each row in query.

You need to analyze 10T events by the hour and day of the year. The solution must improve dataset performance.

Solution: You create a custom column that concatenates the 10T GUID column and the IoT ID column and then delete the IoT GUID and IoT ID columns.

Does this meet the goal?

- A. Yes
- B. No

**Answer:** B

**NEW QUESTION 105**

- (Topic 4)

You are reviewing a query that produces 10,000 rows in the Power Query Editor. You need to identify whether a column contains only unique values.

Which two Data Preview options can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Column profile
- B. Column distribution
- C. Show whitespace
- D. Column quality
- E. Monospace

**Answer:** AB

**Explanation:**

B: Column distribution: This feature provides a set of visuals underneath the names of the columns that showcase the frequency and distribution of the values in each of the columns. The data in these visualizations is sorted in descending order from the value with the highest frequency.  
By hovering over the distribution data in any of the columns, you get information about the overall data in the column (with distinct count and unique values).  
A: Column profile: This feature provides a more in-depth look at the data in a column [compared to column distribution]. Apart from the column distribution chart, it contains a column statistics chart.  
Reference:  
<https://docs.microsoft.com/en-us/power-query/data-profiling-tools>

#### NEW QUESTION 107

- (Topic 4)

You plan to create a dashboard in the Power BI service that retrieves data from a Microsoft SQL Server database. The dashboard will be shared between the users in your organization.

You need to ensure that the users will see the current data when they view the dashboard. How should you configure the connection to the data source?

- A. Deploy an on-premises data gateway (personal mode). Import the data by using the Import Data Connectivity mode.
- B. Deploy an on-premises data gatewa
- C. Import the data by using the Import Data Connectivity mode.
- D. Deploy an on-premises data gatewa
- E. Import the data by using the DirectQuery Data Connectivity mode.
- F. Deploy an on-premises data gateway (personal mode). Import the data by using the DirectQuery Data Connectivity mode.

**Answer:** D

#### Explanation:

References: <https://docs.microsoft.com/en-us/power-bi/desktop-directquery-about#power-bi-connectivity-modes>

#### NEW QUESTION 108

HOTSPOT - (Topic 4)

You are creating a Power Bi model in Power BI Desktop

You need to create a calculated table named Numbers that will contain all the integers from

-100 to 100. How should you complete the DAX calculation? To answer, select the appropriate options in the answer area. NOTE Each correct selection is worth one point.

Answer Area

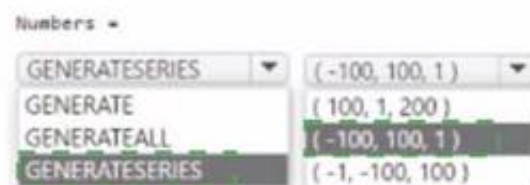


- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

Answer Area



#### NEW QUESTION 111

HOTSPOT - (Topic 4)

You are creating a column chart visualization.

You configure groups as shown in the Groups exhibit. {Click the Groups tab.)

Groups

Name

Sepal.Width (bins)

Field

Sepal.Width

Group type

Bin

Min value

2

Bin Type

Number of bins

Max value

4.4

Binning splits numeric or date/time data by an amount you specify. The default bin count is calculated based on your data.

Bin count

10

Bin size

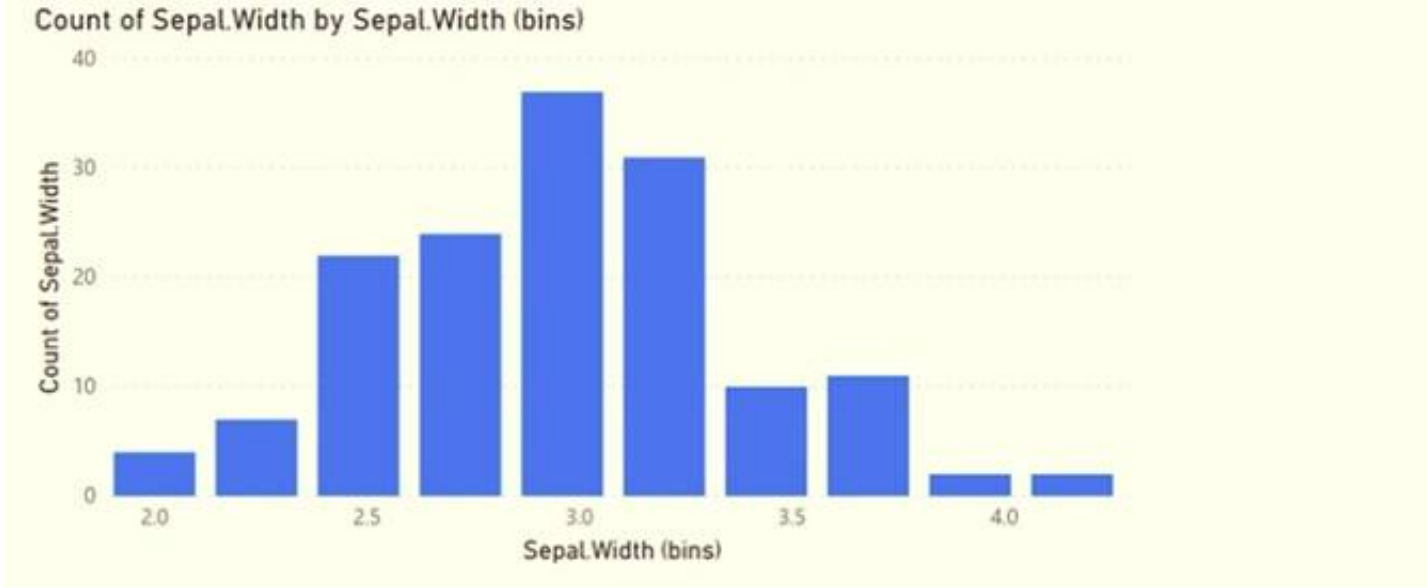
0.24000000000000005

Reset to default

OK

Cancel

The visualization appears as shown in the Chart exhibit. (Click the Chart tab.)



For each of the following statements, select Yes if the statement is true. Otherwise, select No.  
NOTE: Each correct selection is worth one point.

Answer Area

Statements

The data is segmented into 10 groups.

The data was split into deciles.

To increase the bin size, you must decrease the bin count.

Yes

No

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements

The data is segmented into 10 groups.

The data was split into deciles.

To increase the bin size, you must decrease the bin count.

Yes

No

NEW QUESTION 116

- (Topic 4)

You have a report that contains a bar chart and a column chart. The bar chart shows customer count by customer segment. The column chart shows sales by month.

You need to ensure that when a segment is selected in the bar chart, you see which portion of the total sales for the month belongs to the customer segment. How should the visual interactions be set on the column chart when the bar chart is selected?

- A. no impact
- B. highlight
- C. filter

Answer: B



**Explanation:**  
HIGHLIGHT as the question required us to "you see which portion of the total sales for the month belongs to the customer segment" -- in order to see WHICH portion, you need to still see the whole visual, highlight is most appropriate. If the requirement stated to ONLY SEE THE PORTION IT RELATES TO then filter would be appropriate.

**NEW QUESTION 120**

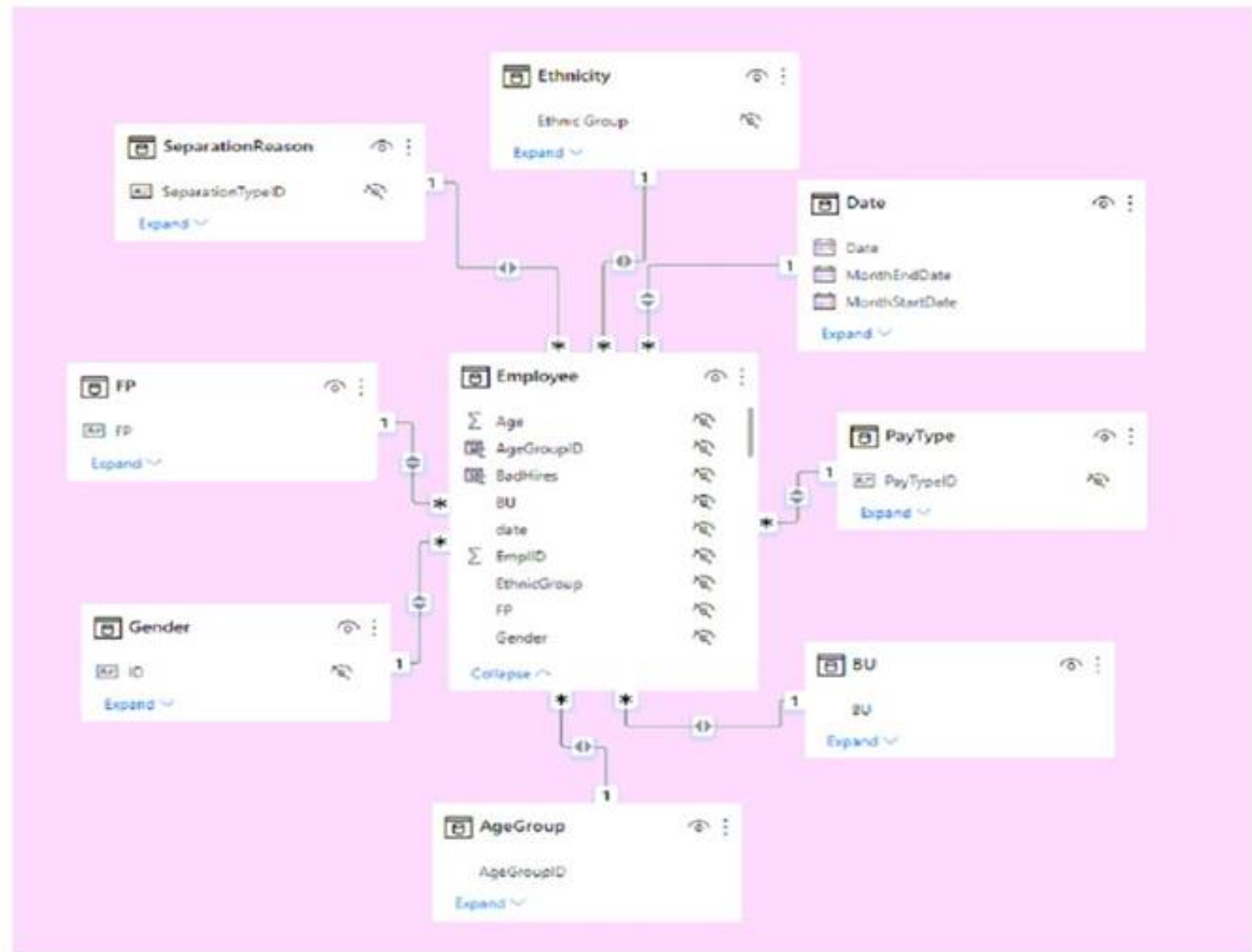
- (Topic 4)  
You have a Power BI workspace named Inventory that contains a dataset a report and a dashboard.  
You need to add an additional tile to the dashboard. The tile must show inventory by location. This information is NOT visualized in the report. The solution must minimize the impact on the report.  
Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Use quick insights on the dashboard.
- B. Hide the report page.
- C. Ask a question by using Q&A.
- D. Add the visual to the report.
- E. Pin the visual to the dashboard.

**Answer:** CE

**NEW QUESTION 123**

HOTSPOT - (Topic 4)  
You have a Power BI imported dataset that contains the data model shown in the following exhibit.



Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.  
NOTE: Each correct selection is worth one point.

**Answer Area**

Changing the [answer choke] setting of the relationships will improve report query performance.

	▼
Cardinality	
Cross filter direction	
Assume Referential Integrity	

The data model is organized into a [answer choice].

	▼
star schema	
snowflake schema	
denormalized table	

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**  
- cross filter direction  
- star schema

**NEW QUESTION 127**  
HOTSPOT - (Topic 4)  
You have a Power BI report that contains the table visual shown in the following exhibit.

OrderDate	Total Sales	Total Cost
01-Oct-22	10.75	8.06
03-Oct-22	98.50	73.88
07-Oct-22	43.00	32.25
11-Oct-22	25.99	19.49
12-Oct-22	156.00	117.00
15-Oct-22	40.80	30.60

Answer Area

Type: 

MatrixMulti-row cardTable

Format: 

Set Rows subtotals to Off.Set Stepped layout to Off.Set Switch values to rows to On.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Type: 

MatrixMulti-row cardTable

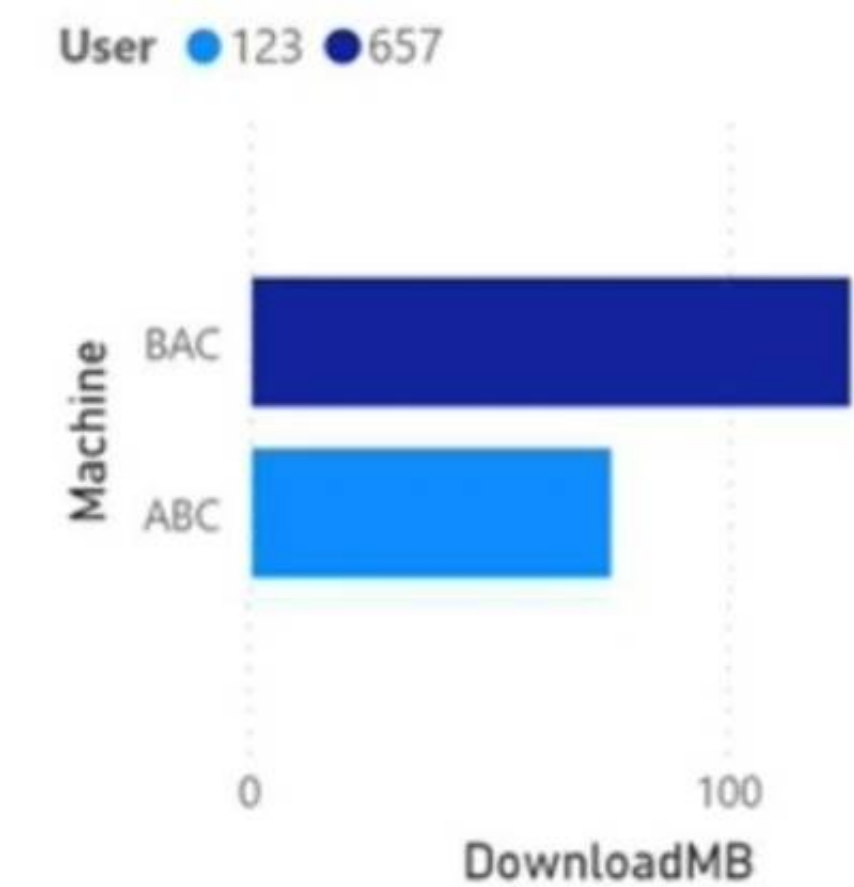
Format: 

Set Rows subtotals to Off.Set Stepped layout to Off.Set Switch values to rows to On.

**NEW QUESTION 128**  
- (Topic 4)  
You are building a data model for a Power BI report. You have data formatted as shown in the following table.

Machine-User	DownloadMB
ABC-123	75
BAC-657	125

You need to create a clustered bar chart as shown in the following exhibit.



What should you do?

- A. From Power Query Editor, split the Machine-User column by using a delimiter.
- B. In a DAX function, create two calculated columns named Machine and User by using the substitute function.
- C. From Power Query Editor, create a column that contains the last three digits of the Machine-User column.
- D. in a DAX function, create two measures named Machine and User by using the substitute function.

Answer: A

NEW QUESTION 131

- (Topic 4)  
You have a Power BI query named Sates that imports the columns shown in the following table.

Name	Description	Sample value
ID	A unique value that represents a sale	10253
Sale_Date	Sales date A column to extract the date of the sale	2021-11-23T09:53:00
Customer_ID	Represents a unique customer ID number	13158
Delivery_Time	Elapsed delivery time in hours Can contain null values	51.52
Status	Sales status Contains only the following two values: Finished and Canceled	Finished
Canceled_Date	Cancellation date and time Can contain null values	2021-11-24T14:11:23

Uses only use the dale part of the Sales.Date field. Only rows with a Status of Finished are used in analysis.  
You need to reduce the load times of the query without affecting the analysis.  
Which two actions achieve this goal? Each correct answer presents a complete solution. NOTL Each correct selection is worth one pant.

- A. Remove the rows in which sales [status] has a value of Canceled.
- B. Change the data type of sale [Delivery\_Time] to Integer
- C. Removes (Canceled Date).
- D. Split Sales [Sale\_Date] into separate date and time columns.
- E. Remove sales [Sales\_Date].

Answer: AD

NEW QUESTION 135

- (Topic 4)  
You have the tables shown in the following table.

Table name	Column name
Campaigns	Campaign_ID
	Name
Ads	Ad_id
	Name
	Campaign_id
Impressions	Impression_id
	Ad_id
	Site_name
	Impression_time
	Impression_date

The Impressions table contains approximately 30 million records per month. You need to create an ad analytics system to meet the following requirements:

? Present ad impression counts for the day, campaign, and Site\_name. The

analytics for the last year are required.

? Minimize the data model size.

Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Group the impressions by Ad\_id, Site\_name, and Impression\_dat
- B. Aggregate by using the CountRows function.
- C. Create one-to-many relationships between the tables.
- D. Create a calculated measure that aggregates by using the COUNTROWS function.
- E. Create a calculated table that contains Ad\_id, Site\_name, and Impression\_date.

**Answer:** AB

**Explanation:**

Grouping in power query reduces the number of rows in the impression table that is gonna be loaded in the model. Creating relationships doesn't increase the size of the model.

#### NEW QUESTION 136

- (Topic 4)

You are developing a sales report that will have multiple pages. Each page will answer a different business question.

You plan to have a menu page that will show all the business questions.

You need to ensure that users can click each business question and be directed to the page where the question is answered. The solution must ensure that the menu page will work when deployed to any workspace.

What should you include on the menu page?

- A. Create a text box for each business question and insert a link.
- B. Create a button for each business question and set the action type to Bookmark.
- C. Create a Power Apps visual that contains a drop-down lis
- D. The drop-down list will contain the businessquestions.

**Answer:** B

**Explanation:**

When you create a bookmark, the following elements are saved with the bookmark: - The current page - Filters - Slicers, including slicer type (for example, dropdown or list) and slicer state - Visual selection state (such as cross-highlight filters) - Sort order - Drill location - Visibility of an object (by using the Selection pane) - The focus or Spotlight modes of any visible object

#### NEW QUESTION 140

- (Topic 4)

You have a CSV file that contains user complaints. The file contains a column named Logged logged contains the date and time each complaint occurred. The data in Logged is m the following format: 2018-12-31 at 08:59.

You need to be able to analyze the complaints by the logged date and use a built-in date hierarchy.

What should you do?

- A. Create a column by example that starts with 2018-12-31.
- B. Create a column by example that starts with 2018-12-31 and set the data type of the new column to Date
- C. Apply the parse function from the Date transformations options to the Logged column.
- D. Add a conditional column that outputs 2018 if the Logged column starts with 2018 and set the data type of the new column to Whole Number.

**Answer:** A

#### NEW QUESTION 141

- (Topic 4)

You create a dashboard by using the Microsoft Power BI Service. The dashboard contains a card visual that shows total sales from the current year. You grant users access to the dashboard by using the viewer role on the workspace. A user wants to receive daily notifications of the number shown on the card visual. You need to automate the notifications. What should you do?



- A. Share the dashboard to the user.
- B. Create a subscription.
- C. Create a data alert.
- D. Tag the user in a comment.

**Answer: C**

**Explanation:**

You can subscribe yourself and your colleagues to the report pages, dashboards, and paginated reports that matter most to you. Power BI e-mail subscriptions allow you to:

? Decide how often you want to receive the emails: daily, weekly, hourly, monthly, or once a day after the initial data refresh.

? Choose the time you want to receive the email, if you choose daily, weekly, hourly, or monthly.

Note: Email subscriptions don't support most custom visuals. The one exception is those custom visuals that have been certified.

Email subscriptions don't support R-powered custom visuals at this time.

Reference:

<https://docs.microsoft.com/en-us/power-bi/collaborate-share/service-report-subscribe> <https://docs.microsoft.com/en-us/power-bi/create-reports/service-set-data-alerts>

**NEW QUESTION 142**

- (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a Power BI report that imports a date table and a sales table from an Azure SQL database data source. The sales table has the following date foreign keys:

? Due Date

? Order Date

? Delivery Date

You need to support the analysis of sales over time based on all the date foreign keys.

Solution: From Power Query Editor, you rename the date query as Due Date. You reference the Due Date query twice to make the queries for Order Date and Delivery Date.

Does this meet the goal?

- A. Yes
- B. No

**Answer: A**

**Explanation:**

Creating two additional tables in Power Query can be a possible solution: Remove any inactive relationships.

Consider renaming the role-playing dimension-type table to better describe its role. In the example, the Airport table is related to the ArrivalAirport column of the Flight table, so it's renamed as Arrival Airport.

Create a copy of the role-playing table, providing it with a name that reflects its role. If it's an Import table, we recommend defining a calculated table. If it's a DirectQuery table, you can duplicate the Power Query query.

In the example, the Departure Airport table was created by using the following calculated table definition.

**NEW QUESTION 143**

DRAG DROP - (Topic 4)

You have the Power BI data model shown in the following exhibit.

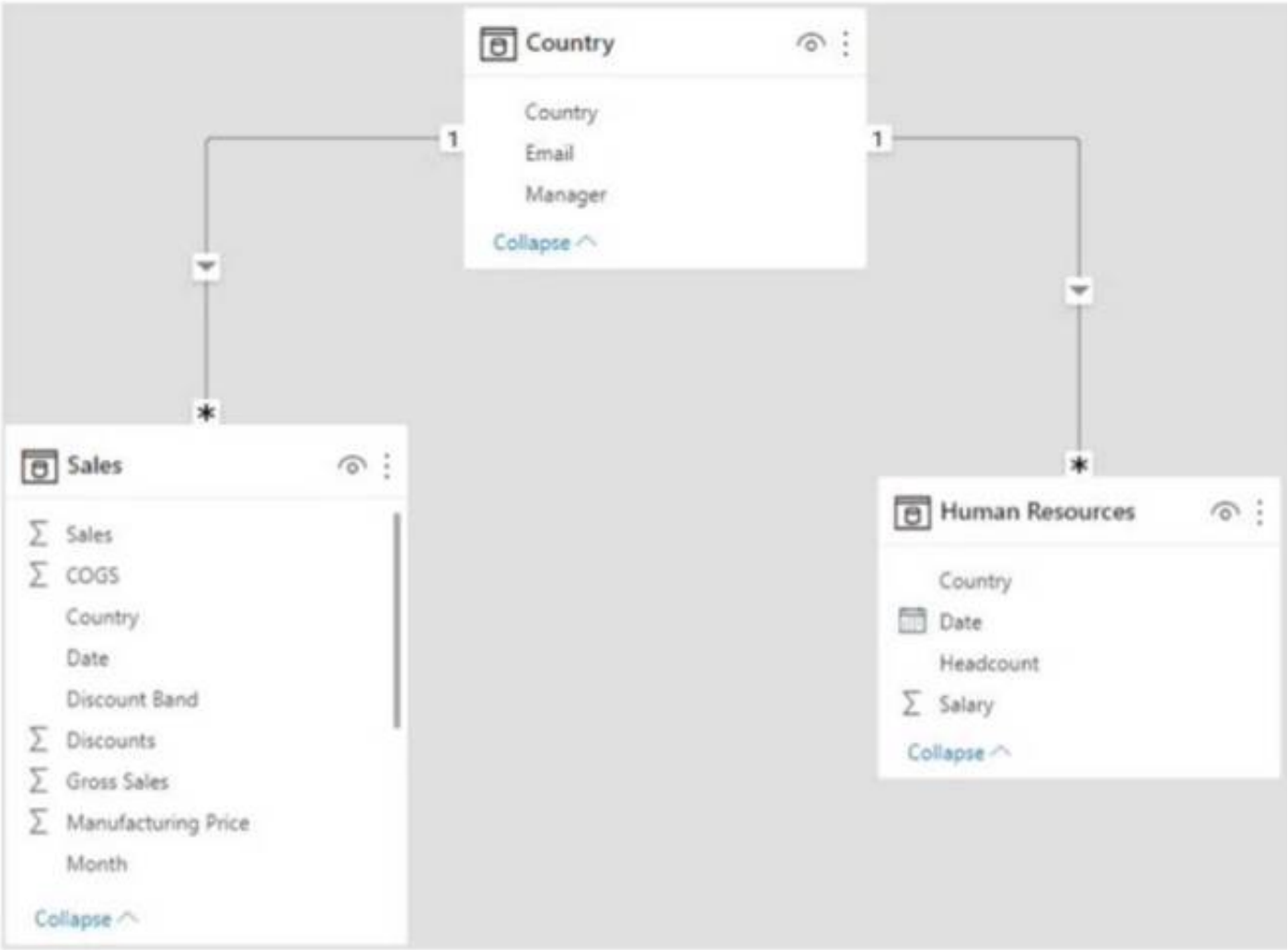
You create two row-level security (RLS) roles named Manager and CFO. You plan to publish the dataset to the Power BI service.

You need to create DAX expressions for the RLS filters. The solution must meet the following requirements:

- Each manager must see only the data in the Sales and Human Resources tables for their own country.
- The CFO must be prevented from seeing the data in the Human Resources table.
- The CFO must see the sales data of all countries.

How should you complete the DAX expressions to meet the requirements? To answer, drag the appropriate expressions to the correct targets. Each expression may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.



The Country table contains the following data.

Country	Manager	Email
USA	CFO	cfo@msn.com
France	Phillipe	phillipe@msn.com
Brazil	Juan	juan@msn.com
Singapore	Srini	srini@msn.com

You plan to publish the dataset to the Power BI service.

You need to create DAX expressions for the RLS filters. The solution must meet the following requirements:

- Each manager must see only the data in the Sales and Human Resources tables for their own country.
- The CFO must be prevented from seeing the data in the Human Resources table.
- The CFO must see the sales data of all countries.

How should you complete the DAX expressions to meet the requirements? To answer, drag the appropriate expressions to the correct targets. Each expression may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Table Filter DAX Expression

[Country]= "USA"

[Email]= userprincipalname()

[Manager]= "CFO"

False()

True()

Answer Area

Human Resources:

Country:

- A. Mastered  
B. Not Mastered

Answer: A

Explanation:

Table Filter DAX Expression

[Country]= "USA"

[Email]= userprincipalname()

[Manager]= "CFO"

False()

True()

Answer Area

Human Resources:

Country:

You have a Power BI report that uses row-level security (RLS).

You need to transfer RLS membership maintenance to an Azure network security team. The solution must NOT provide the Azure network security team with the ability to manage reports, datasets, or dashboards.

What should you do?

- A. Add the Azure network security team as members of the RLS role.
- B. Instruct the Azure network security team to create security group
- C. Configure RLS to use the groups.
- D. Configure custom instructions for the Request access feature that instructs users to contact the Azure network security team.
- E. Grant the Read and Build permissions for the Power BI datasets to the Azure network security team.

**Answer: B**

**Explanation:**

It is common practice that the PBI developer creates RLS groups and instructs the network team to create the corresponding AD roles. Then the developer assigns the AD groups to the RLS groups.

**NEW QUESTION 150**

- (Topic 4)

You have a Power BI tenant.

You have reports that use financial datasets and are exported as PDF files. You need to ensure that the reports are encrypted.

What should you implement?

- A. dataset certifications
- B. row-level security (RLS)
- C. sensitivity labels
- D. Microsoft Intune policies

**Answer: C**

**Explanation:**

General availability of sensitivity labels in Power BI.

Microsoft Information Protection sensitivity labels provide a simple way for your users to classify critical content in Power BI without compromising productivity or the ability to collaborate. Sensitivity labels can be applied on datasets, reports, dashboards, and dataflows. When data is exported from Power BI to Excel, PowerPoint or PDF files, Power BI automatically applies a sensitivity label on the exported file and protects it according to the label's file encryption settings. This way your sensitive data remains protected no matter where it is.

Reference:

<https://powerbi.microsoft.com/en-us/blog/announcing-power-bi-data-protection-ga-and-introducing-new-capabilities/>

**NEW QUESTION 155**

- (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

From Power Query Editor, you profile the data shown in the following exhibit.

	A <sup>B</sup> <sub>C</sub> IoT GUID	IoT DateTime	1 <sup>2</sup> <sub>3</sub> IoT ID
	<div><div>Valid 100%</div><div>Error 0%</div><div>Empty 0%</div></div>	<div><div>Valid 100%</div><div>Error 0%</div><div>Empty 0%</div></div>	<div><div>Valid 100%</div><div>Error 0%</div><div>Empty 0%</div></div>
1	48196321-38D9-EC11-883D-0022489A2...	21/05/2022 18:59:25	100001000
2	49196321-38D9-EC11-883D-0022489A2...	21/05/2022 18:59:26	100001001
3	0300C742-38D9-EC11-883D-0022489A2...	21/05/2022 19:00:21	100001002
4	0400C742-38D9-EC11-883D-0022489A2...	21/05/2022 19:00:21	100001003
5	0500C742-38D9-EC11-883D-0022489A2...	21/05/2022 19:00:21	100001004
6	0600C742-38D9-EC11-883D-0022489A2...	21/05/2022 19:00:21	100001005

The IOT ID columns are unique to each row in query.

You need to analyze 10T events by the hour and day of the year. The solution must improve dataset performance.

Solution: You change the IOT DateTime column to the Date data type. Does this meet the goal?

- A. Yes
- B. No

**Answer: A**

**NEW QUESTION 158**

- (Topic 4)

You have a Power BI report for the marketing department. The report reports on web traffic to a blog and contains data from the following tables.

Table name	Source	Description	Column name
Posts	Blog RSS feed	An XML representation of all the blog posts from your company's website	<ul style="list-style-type: none"><li>Publish Date</li><li>URL</li><li>Title</li><li>Full Text</li><li>Summary</li></ul>
Traffic	Website logs	Activity data from your company's entire website	<ul style="list-style-type: none"><li>DateTime</li><li>URL Visited</li><li>IP Address</li><li>Browser Agent</li><li>Referring URL</li></ul>

There is a one-to-many relationship from Posts to Traffic that uses the URL and URL Visited columns. The report contains the visuals shown in the following table.

Name	Used field	Filter
Top 10 blog posts of all time	Posts[Title] Traffic[DateTime]	None
Top 10 blog posts from the last seven days	Posts[Title] Traffic[DateTime]	Traffic[DateTime] is in the last 7 days
Blog visits over time	Traffic[DateTime] Traffic[URL Visited]	Traffic[URL Visited] contains "blog"
Blog visits over time	Traffic[DateTime] Traffic[URL Visited]	Traffic[URL Visited] contains "blog"
Top 10 external referrals to the blog of all time	Traffic[Referring URL]	Traffic[URL Visited] contains "blog" AND Traffic[Referring URL] does not start with "/"

The dataset takes a long time to refresh.  
You need to modify Posts and Traffic queries to reduce toad times.  
Which two actions will reduce the toad times? Each correct answer presents part of the solution.  
NOTE: Each correct selection is worth one point.

- A. Remove the rows in Traffic in which Traffic [Referring URL] does not start with "/"
- B. Remove the rows in Posts in which Post [Publish Date] is in the last seven days.
- C. Remove Traffic [IP Address], Traffic (Browser Agent], and Traffic [Referring URL).
- D. Remove Posts [Full Text] and Posts [Summary].
- E. Remove the rows in Traffic in which Traffic [URL visited] does not contain "blog"

Answer: DE

NEW QUESTION 159

DRAG DROP - (Topic 4)  
You have a Microsoft Excel workbook that contains two tables.  
From Power BI, you create a dashboard that displays data from the tables. You update the tables each day.  
You need to ensure that the virtualizations in the dashboard are updated daily.  
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to answer area and arrange them in the correct order.



**Actions**

For each dataset, modify the Schedule Refresh settings.

Download and install an on-premises data gateway (personal).

For each dataset, modify the Gateway Connection settings.

Add subscriptions for the reports.

Download and install Power BI Desktop.

**Answer Area**

➤  
➤

⬆  
⬆

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

References: <https://docs.microsoft.com/en-us/power-bi/refresh-scheduled-refresh>

**NEW QUESTION 160**

- (Topic 4)

You have an app workspace that contains a dashboard and four reports. All the reports are generated from a single dataset that contains sales data for your company.

The reports display the data configured as shown in the following table.

Report name	Data displayed	Data characteristic
Sales Data1	Sales from the start of 2013 to the end of 2015	The company was owned by another company named Contoso, Ltd. from 2013 to 2015
Sales Data2	Sales from the start of 2011 to the end of 2016	The company changed the line of products sold frequently from 2011 to 2016
Sales Data3	Sales from the start of 2016 to the end of 2017	The company hired new management that started in 2016
Sales Data4	Sales from the start of 2011 to the end of 2014	The company was being sued by a competitor from 2011 to 2014

You need to ensure that the users of the reports can locate the correct report by using natural language queries. What should you do?

- A. From the properties of the dataset, create four Featured Q&A Questions.
- B. From the Format settings of the reports, modify the Page Information.
- C. From the properties of the dataset, modify the Q&A and Cortana settings.
- D. From the properties of the workspace, modify the Language Settings.

**Answer:** C

**Explanation:**

References: <https://docs.microsoft.com/en-us/power-bi/service-q-and-a-direct-query#limitations-during-public-preview>

**NEW QUESTION 164**

- (Topic 4)

You publish a Microsoft Power BI dataset to powerbi.com. The dataset appends data from an on-premises Oracle database and an Azure SQL database by using one query.

You have admin access to the workspace and permission to use an existing On-premises data gateway for which the Oracle data source is already configured.

You need to ensure that the data is updated every morning. The solution must minimize configuration effort.

Which two actions should you perform when you configure scheduled refresh? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Configure the dataset to use the existing On-premises data gateway.
- B. Deploy an On-premises data gateway in personal mode.
- C. Set the refresh frequency to Daily.

D. Configure the dataset to use the personal gateway.

Answer: AC

Explanation:

https://docs.microsoft.com/en-us/power-bi/connect-data/service-gateway-personal-mode

NEW QUESTION 168

- (Topic 4)

You have a sales system that contains the tables shown in the following table.

Table name	Column name
Sales	sales_ID
	sales_date
	sales_amount
Date	DateID
	Month
	Week
	Year

The Date table is marked as a date table.  
DateID is the date data type. You need to create an annual sales growth percentage measure.  
Which DAX expression should you use?

- A. SUM(sales[sales\_amount]) - CALCULATE(SUM(sales[sales\_amount]), SAMEPERIODLASTYEAR('Date'[DateID]))
- B. (SUM('Sales'[sales\_amount]) - CALCULATE(SUM('Sales'[sales\_amount]), SAMEPERIODLASTYEAR('Date'[DateID])))/  
CALCULATE(SUM('Sales'[sales\_amount]), SAMEPERIODLASTYEAR('Date'[DateID]))
- C. CALCULATE(SUM(sales[sales\_amount]), DATESYTD('Date'[DateID]))
- D. CALCULATE(SUM(sales[sales\_amount]), SAMEPERIODLASTYEAR('Date'[DateID]))

Answer: B

Explanation:

SAMEPERIODLASTYEAR returns a table that contains a column of dates shifted one year back in time from the dates in the specified dates column, in the current context.  
Reference:  
https://docs.microsoft.com/en-us/dax/sameperiodlastyear-function-dax

NEW QUESTION 171

HOTSPOT - (Topic 4)

You have a dataset that has the permissions shown in the following exhibit.  
Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.  
NOTE: Each correct selection is worth one point.

Answer Area

Users in the finance group can [answer choice] the dataset.

assign sensitivity labels to

use Analyze in Excel with

delete

Users in the corp group can [answer choice] the dataset.

grant the Build permission for

grant the Read permission for

remove a table from

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Users in the finance group can [answer choice] the dataset.

assign sensitivity labels to

use Analyze in Excel with

delete

Users in the corp group can [answer choice] the dataset.

grant the Build permission for

grant the Read permission for

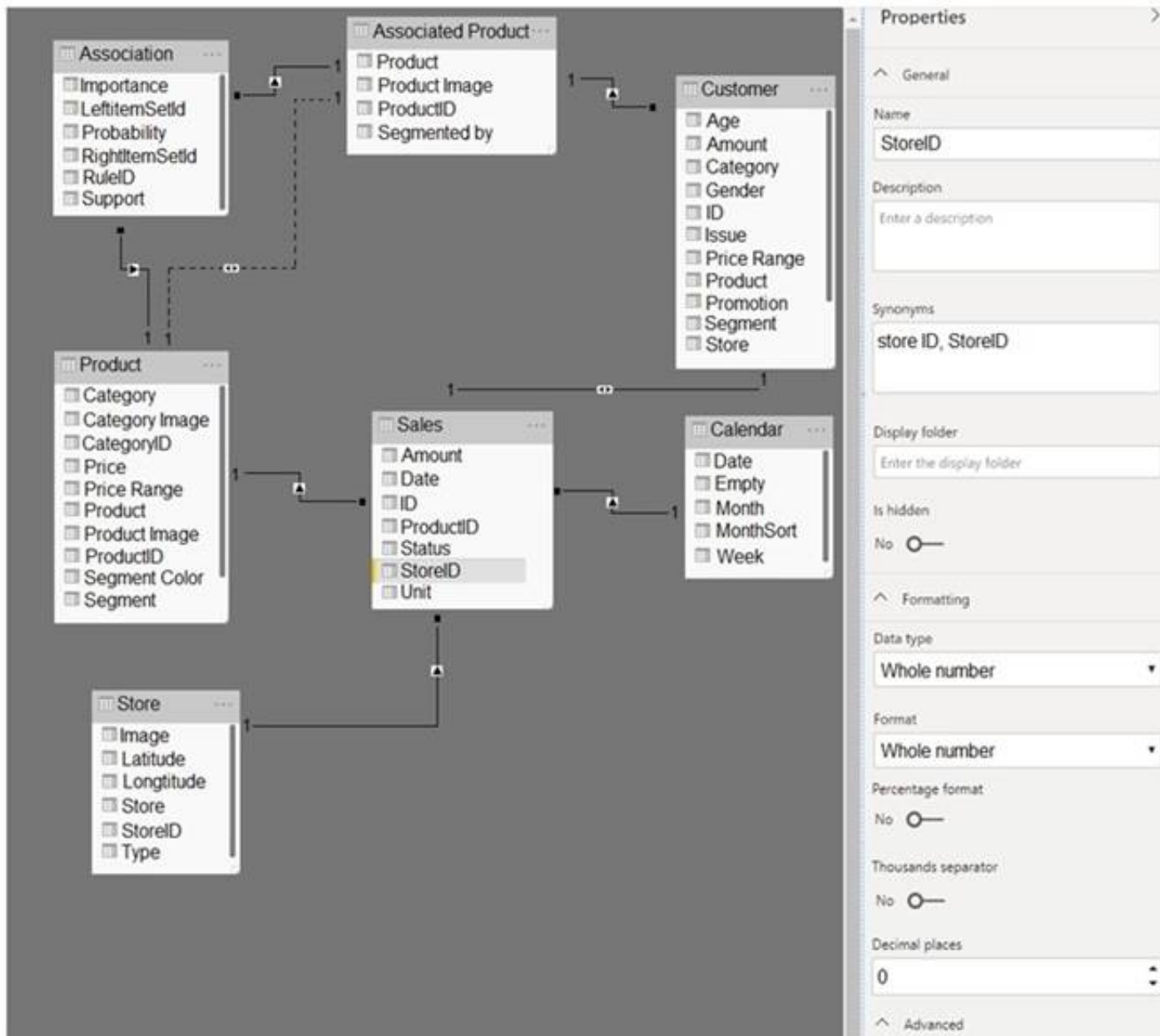
remove a table from



**NEW QUESTION 176**

HOTSPOT - (Topic 4)

You have the Power BI data model shown in the following exhibit.



Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

When a table visual is added to a blank report page and populated by using the StoreID field from the Sales table, a **[answer choice]** is displayed.

distinct count of the StoreID values
list of all the StoreID values
list of the distinct StoreID values
sum of the StoreID values

Adding a page filter of `Sales[StoreID] = 1` will filter the values displayed on the page from **[answer choice]**.

all the tables related to the Sales table
only the Sales table
only the Store table
the Sales table and the Customer table

- A. Mastered  
 B. Not Mastered

**Answer: A**

**Explanation:**

When a table visual is added to a blank report page and populated by using the StoreID field from the Sales table, a **[answer choice]** is displayed.

distinct count of the StoreID values
list of all the StoreID values
list of the distinct StoreID values
sum of the StoreID values

Adding a page filter of `Sales[StoreID] = 1` will filter the values displayed on the page from **[answer choice]**.

all the tables related to the Sales table
only the Sales table
only the Store table
the Sales table and the Customer table

**NEW QUESTION 180**

DRAG DROP - (Topic 4)

You are preparing a financial report in Power BI.

You connect to the data stored in a Microsoft Excel spreadsheet by using Power Query Editor as shown in the following exhibit.

	Column1	1.2 Column2	1.2 Column3	1.2 Column4	1.2 Column5	1.2 Column6
1	Measure	2016	2017	2018	2019	2020
2	Revenue	0.5	0.6	0.55	0.61	0.42
3	Overheads	0.11	0.330410907	0.167055779	0.360178153	0.183179995
4	Cost of Goods	0.204388253	0.165848321	0.25	0.17	0.109073918

You need to prepare the data to support the following:

? Visualizations that include all measures in the data over time

? Year-over-year calculations for all the measures

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

**Actions**

Rename the Attribute column as Year

Rename the Measure column as Year

Use the first row as headers

Use headers as the first row

Unpivot all the columns other than Measure

Transpose the table

Change the data type of the Year column to Date

**Answer Area**

>

<

↑

↓

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**Actions**

Rename the Attribute column as Year

Rename the Measure column as Year

Use the first row as headers

Use headers as the first row

Unpivot all the columns other than Measure

Transpose the table

Change the data type of the Year column to Date

**Answer Area**

Use the first row as headers

Unpivot all the columns other than Measure

Rename the Attribute column as Year

Change the data type of the Year column to Date

**NEW QUESTION 185**

HOTSPOT - (Topic 4)

You have a Power BI report.

You need to create a calculated table to return the 100 highest spending customers.

How should you complete the DAX expression? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.



Top 100 Customers =

▼

ASC[  
DESC(  
FILTER(  
SUMMARIZE[  
TOPN(

100,

▼

ASC  
DESC  
FILTER  
SUMMARIZE  
TOPN

(FactTransaction,  
FactTransaction[Customer ID],  
"Sales",  
SUM(FactTransaction[Sale])),  
[Sales],  

▼

ASC  
DESC  
FILTER  
SUMMARIZE  
TOPN

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: TOPN

TOPN returns the top N rows of the specified table.

Box 2: SUMMARIZE

SUMMARIZE returns a summary table for the requested totals over a set of groups.

Box 3: DESC

Sort in descending order.

It is last in the TOPN command. TOPN syntax:

TOPN(<n\_value>, <table>, <orderBy\_expression>, [<order>[, <orderBy\_expression>, [<order>]]...])

**NEW QUESTION 189**

- (Topic 4)

You have a Power BI workspace that contains several reports.

You need to provide a user with the ability to create a dashboard that will use the visuals from the reports.

What should you do?

- A. Grant the Read permission for the datasets to the user.
- B. Add the user as a Viewer of the workspace.
- C. Share the reports with the user.
- D. Create a row-level security (RLS) role and add the user to the role.
- E. Add the user as a member of the workspace.

**Answer:** B

**NEW QUESTION 190**

- (Topic 4)

You have a Power BI report. The report contains a line chart that displays sales data for several regions.

You need to add an element to the report that will enable users to filter the sales data to include only a selected region.

Which two elements achieve the goal? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. a slicer visual
- B. a drillthrough filter
- C. a table visual
- D. a card visual
- E. a Key Performance Indicator (KPI) visual

**Answer:** AD

**NEW QUESTION 195**

- (Topic 4)

You need to provide a user with the ability to add members to a workspace. The solution must use the principle of least privilege.

Which role should you assign to the user?

- A. Viewer

- B. Contributor
- C. Member
- D. Admin

**Answer:** C

**Explanation:**

A Member can add members or others with lower permissions. Note:

Capability	Admin	Member	Contributor	Viewer
Update and delete the workspace.	✓			
Add/remove people, including other admins.	✓			
Allow Contributors to update the app for the workspace	✓			
Add members or others with lower permissions.	✓	✓		

**NEW QUESTION 198**

- (Topic 4)

For the sales department at your company, you publish a Power BI report that imports data from a Microsoft Excel We located in a Microsoft SharePoint folder The data model contains several measures You need to create a Power BI report from the existing data. The solution must minimize development effort. Which type of data source should you use?

- A. a SharePoint folder
- B. Power BI dataflows
- C. an Excel workbook
- D. Power BI dataset

**Answer:** A

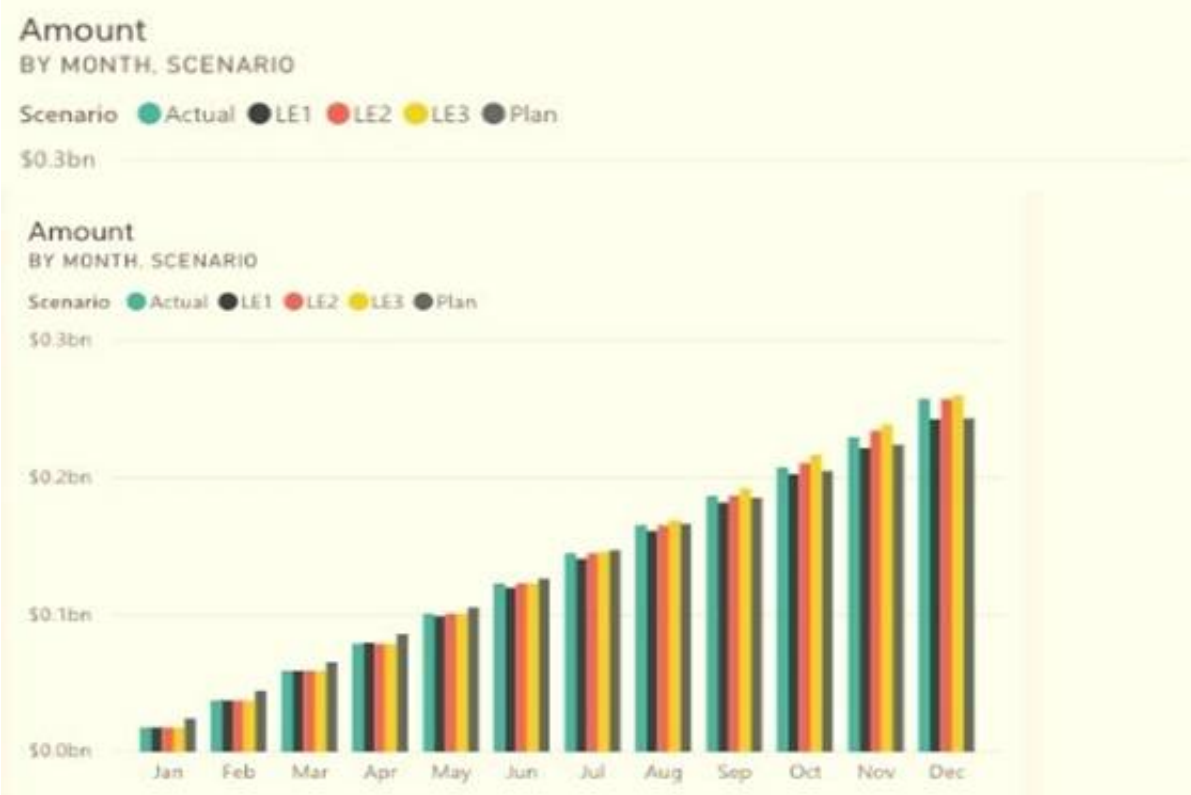
**Explanation:**

case states there is already a report published and the datamodel contains measures. therefore and to be able to use the measures in the datamodel you should connect to the existing dataset (which was created when you plublished the report) instead of starting from scratch with the files in the SharePoint folder.

**NEW QUESTION 201**

- (Topic 4)

You have a Microsoft Power BI dashboard. The report used to create the dashboard uses an imported dataset from a Microsoft SQL Server data source. The dashboard is shown in the exhibit. (Click the Exhibit tab.)



What occurred at 12:03:06 PM?

- A. A user pressed F5
- B. A new transaction was added to the data source.
- C. A user added a comment to a tile.
- D. The dashboard tile cache refreshed.

Answer: A

Explanation:

Reference:  
<https://docs.microsoft.com/en-us/power-bi/connect-data/refresh-data>

NEW QUESTION 202

HOTSPOT - (Topic 4)

You are using Power Bi Desktop to connect to an Azure SQL database The connection is configured as shown in the following exhibit.

SQL Server database

Server ⓘ  
mydb.database.windows.net

Database (optional)  
db1

Data Connectivity mode ⓘ  
☒ Import  
☐ DirectQuery

Advanced options  
Command timeout in minutes (optional)

SQL statement (optional, requires database)

☒ Include relationship columns

☐ Navigate using full hierarchy

☐ Enable SQL Server Failover support

OK Cancel

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic NOTE: Each correct solution is worth one point

The default timeout for the connection from Power BI Desktop to the database will be [answer choice].

unlimited  
one minute  
10 minutes

The Navigator will display [answer choice].

all the tables  
only tables that contain data  
only tables that contain hierarchies

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

<https://docs.microsoft.com/en-us/power-query/connectors/azuresqldatabase>  
The following table lists all of the advanced options you can set in Power Query Desktop and Power Query Online.

Advanced option	Description
Command timeout in minutes	If your connection lasts longer than 10 minutes (the default timeout), you can enter another value in minutes to keep the connection open longer. This option is only available in Power Query Desktop.
SQL statement	For information, go to Import data from a database using native database query. Include relationship columns If checked, includes columns that might have relationships to other tables. If this box is cleared, you won't see those columns.
Navigate using full hierarchy	If checked, the navigator displays the complete hierarchy of tables in the database you're connecting to. If cleared, the navigator displays only the tables whose columns and rows contain data.
Enable SQL Server Failover support	If checked, when a node in the Azure SQL failover group isn't available, Power Query moves from that node to another when failover occurs. If cleared, no failover occurs.

NEW QUESTION 206

FILL IN THE BLANK - (Topic 4)  
You need to create a measure that will return the percentage of late orders.  
How should you complete the DAX expression? To answer, select the appropriate options in the answer area.  
NOTE: Each correct selection is worth one point.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer as below

Answer Area

Late Orders Percent =

VAR OrderCount =

COUNTROWS ( 'Orders' )

VAR LateOrders =

CALCULATE

COUNTROWS ( 'Orders' ),

FILTER ( Orders, Orders[ShippedDate] > Orders[RequiredDate]

)

NEW QUESTION 211

DRAG DROP - (Topic 4)



You have a query named Customer that imports CSV files from a data lake. The query contains 500 rows as shown in the exhibit. (Click the Exhibit tab.)

ABC Source.Name		123 Customer ID	Modified Date	ABC Customer	ABC Category
Valid 100%	Valid 100%	Valid 100%	Valid 100%	Valid 100%	Valid 100%
Error 0%	Error 0%	Error 0%	Error 0%	Error 0%	Error 0%
Empty 0%	Empty 0%	Empty 0%	Empty 0%	Empty 0%	Empty 0%
1	Customer20200104.csv	1	1/1/2020 12:00:00 AM	Tailspin Toys (Head Office)	Novelty Shop
2	Customer20200104.csv	2	1/1/2020 12:00:00 AM	Tailspin Toys (Sylvanite, MT)	Novelty Shop
3	Customer20200104.csv	3	1/1/2020 12:00:00 AM	Tailspin Toys (Peeples Valley, AZ)	Novelty Shop
4	Customer20200104.csv	4	1/4/2020 12:00:00 AM	Tailspin Toys (Medicine Lodge, KS)	Novelty Shop
5	Customer20200104.csv	5	1/4/2020 12:00:00 AM	Tailspin Toys (Gasport, NY)	Novelty Shop
6	Customer20200104.csv	6	1/4/2020 12:00:00 AM	Tailspin Toys (Jessie, ND)	Novelty Shop
7	Customer20200104.csv	7	1/4/2020 12:00:00 AM	Tailspin Toys (Frankewing, TN)	Novelty Shop
8	Customer20200104.csv	8	1/4/2020 12:00:00 AM	Tailspin Toys (Bow Mar, CO)	Novelty Shop
9	Customer20200104.csv	9	1/4/2020 12:00:00 AM	Tailspin Toys (Netcong, NJ)	Novelty Shop
10	Customer20200104.csv	10	1/4/2020 12:00:00 AM	Tailspin Toys (Wimbledon, ND)	Novelty Shop
11	Customer20200112.csv	1	1/12/2020 12:00:00 AM	Tailspin Toys (Head Office)	Novelty Shop
12	Customer20200112.csv	2	1/12/2020 12:00:00 AM	Tailspin Toys (Sylvanite, MT)	Novelty Shop
13	Customer20200112.csv	3	1/12/2020 12:00:00 AM	Tailspin Toys (Peeples Valley, AZ)	Novelty Shop
14	Customer20200112.csv	4	1/12/2020 12:00:00 AM	Tailspin Toys (Medicine Lodge, KS)	Novelty Shop
15	Customer20200112.csv	5	1/12/2020 12:00:00 AM	Tailspin Toys (Gasport, NY)	Novelty Shop
16	Customer20200112.csv	2	1/22/2020 12:00:00 AM	Tailspin Toys (Sylvanite, MT)	Novelty Shop
17	Customer20200112.csv	7	1/22/2020 12:00:00 AM	Tailspin Toys (Frankewing, TN)	Novelty Shop
18	Customer20200112.csv	8	1/22/2020 12:00:00 AM	Tailspin Toys (Bow Mar, CO)	Novelty Shop
19	Customer20200112.csv	9	1/22/2020 12:00:00 AM	Tailspin Toys (Netcong, NJ)	Novelty Shop
20	Customer20200112.csv	10	1/22/2020 12:00:00 AM	Tailspin Toys (Wimbledon, ND)	Novelty Shop

Each file contains deltas of any new or modified rows from each load to the data lake. Multiple files can have the same customer ID.

You need to keep only the last modified row for each customer ID.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

**Answer Area**

Filter the Customer query on Modified Date is Latest.

Merge the CustomerGrouped query into the Customer query based on Customer ID and Modified Date by using a left outer join.

Remove duplicates in the Customer ID column.

Duplicate the Customer query and name the new query CustomerGrouped.

Group the CustomerGrouped query by Customer ID and output the max Modified Date value into a column named Modified Date.

Merge the two queries based on Customer ID and Modified Date by using an inner join.

- A. Mastered  
B. Not Mastered

**Answer: A**

**Explanation:**

- 1) Duplicate Customer query
- 2) Group by CustId by Max ModifiedDate (only 2 columns to keep)
- 3) Merge two queries on CustId and ModifiedDate inner join (to retrieve other customer informations related to latest Date)

### NEW QUESTION 215

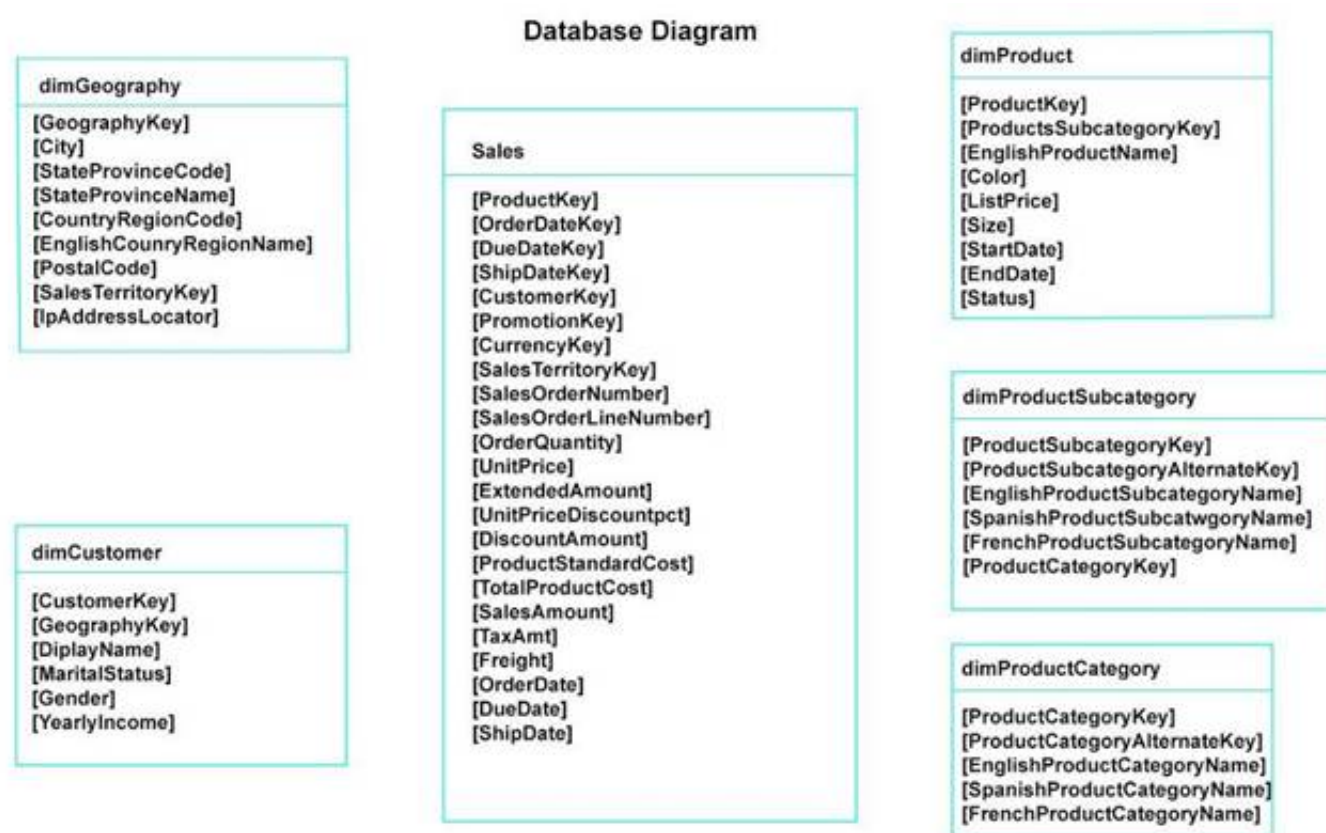
- (Topic 4)

Note: This question is a part of a series of questions that present the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is exactly the same in each question in this series.

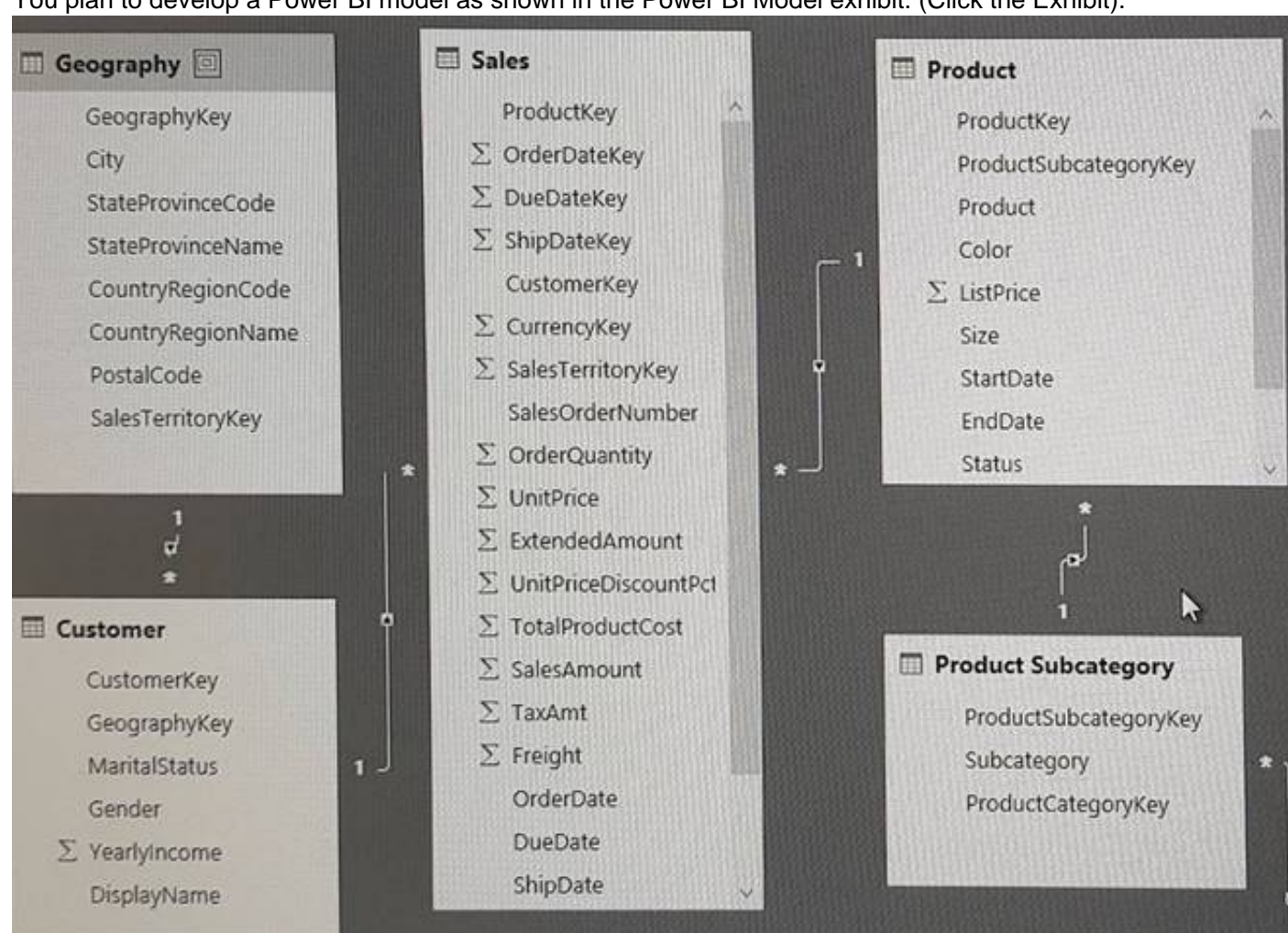
Start of repeated scenario

You have a Microsoft SQL Server database that has the tables shown in the Database Diagram exhibit. (Click the Exhibit.)





You plan to develop a Power BI model as shown in the Power BI Model exhibit. (Click the Exhibit).



You plan to use Power BI to import data from 2013 to 2015. Product Subcategory [Subcategory] contains NULL values. End of repeated scenario. You implement the Power BI model.

You need to add a measure to rank total sales by product. The results must appear as shown in the following table.

Rank	Product	SalesAmount
1	Product3	13,000
1	Product2	13,000
2	Product1	12,000
3	Product5	10,000
3	Product4	10,000

Which DAX formula should you use?

- A. Product Ranking= RANKX (Product, [SalesAmount], , DESC, Skip)
- B. Product Ranking= RANKX (ALL, ('Product'), [SalesAmount], , DESC, Dense)
- C. Product Ranking= RANKX (ALL, ('Product'), [SalesAmount], , DESC, Skip)
- D. Product Ranking= RANKX (ALL ('Product'), [SalesAmount], , Asc, Dense)

**Answer: B**

**Explanation:**

References: <https://msdn.microsoft.com/en-us/library/gg492185.aspx>

**NEW QUESTION 217**

- (Topic 4)

You have a report in Power BI named report1 that is based on a shared dataset.

You need to minimize the risk of data exfiltration for report1. The solution must prevent other reports from being affected.

What should you do?

- A. Clear Allow recipients to share your dashboard and Allow users to build new content using the underlying datasets for the dataset.
- B. Select the Allow end users to export both summarized and underlying data from the service or Report Server Export data option for the report.
- C. Select the Don't allow end users to export any data from the service or Report Server Export data option for the report.
- D. Apply row-level security (RLS) to the shared dataset.

**Answer: C**

**NEW QUESTION 221**

HOTSPOT - (Topic 4)

You have a column named UnitsInStock as shown in the following exhibit

**Answer Area**

```

Late Orders Percent =
VAR OrderCount =
    COUNTROWS ( 'Orders' )
VAR LateOrders =
    CALCULATE (
        COUNTROWS ( 'Orders' ),
        FILTER ( Orders, Orders[ShippedDate] > Orders[RequiredDate] )
    )
    
```

UnitsInStock has 75 non-null values, of which 51 are unique.

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct

selection is worth one point.

**Answer Area**

When a table visual is created in a report and UnitsInStock is added to the values, there will be **[answer choice]** in the table.

Changing the Summarize by setting of the UnitsInStock column, and then adding the column to a table visual, will **[answer choice]** the number of rows in the table visual.

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

**Answer Area**

When a table visual is created in a report and UnitsInStock is added to the values, there will be **[answer choice]** in the table.

Changing the Summarize by setting of the UnitsInStock column, and then adding the column to a table visual, will **[answer choice]** the number of rows in the table visual.

**NEW QUESTION 226**

- (Topic 4)

You have a Power BI dataset named Finance that is hosted in a Power BI workspace.

The finance team at your company is NOT currently a member of any Power BI workspace roles.

You need to enable the finance team to use Microsoft Excel to analyze the Finance dataset.

What should you do?

- A. Create a row-level security (RLS) role and add the finance team to the role as members.
- B. Provide an Excel workbook that is connected to the Finance dataset.
- C. Grant the finance team write permissions to the Finance dataset.
- D. Grant the finance team build permissions to the Finance dataset.

**Answer: D**

#### NEW QUESTION 230

- (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen,

You create a parameter named DataSourceExcel that holds the file name and location of a Microsoft Excel data source.

You need to update the query to reference the parameter instead of multiple hard-coded copies of the location within each query definition.

Solution: In the Power Query M code, you replace references to the Excel file with DataSourceExcel.

Does this meet the goal?

A. Yes

B. No

**Answer: A**

#### Explanation:

Instead modify the source step of the queries to use DataSourceExcel as the file path.

Note: Parameterising a Data Source could be used in many different use cases. From connecting to different data sources defined in Query Parameters to load different combinations of columns.

Reference:

<https://www.biinsight.com/power-bi-desktop-query-parameters-part-1/>

#### NEW QUESTION 235

- (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this scenario, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a clustered bar chart that contains a measure named Salary as the value and a field named Employee as the axis. Salary is present in the data as numerical amount representing US dollars.

You need to create a reference line to show which employees are above the median salary.

Solution: You create a median line by using the Salary measure. Does this meet the goal?

A. Yes

B. No

**Answer: A**

#### Explanation:

The 50th percentile is also known as the median or middle value where 50 percent of observations fall below.

Reference:

[https://dash-intel.com/powerbi/statistical\\_functions\\_median.php](https://dash-intel.com/powerbi/statistical_functions_median.php)

#### NEW QUESTION 239

- (Topic 4)

From Power BI Desktop, you publish a new dataset and report to a Power BI workspace. The dataset has a row-level security (RLS) role named HR. You need to ensure that the HR team members have RLS applied when they view reports based on the dataset. What should you do?

A. From Power BI Desktop, change the Row-Level Security settings.

B. From Power BI Desktop, import a table that contains the HR team members

C. From powerbi.com, add users to the HR role for the dataset.

D. From powerbi.com, share the dataset to the HR team members.

**Answer: C**

#### NEW QUESTION 241

DRAG DROP - (Topic 4)

You have a folder that contains 100 CSV files.

You need to make the file metadata available as a single dataset by using Power BI The

solution must NOT store the data of the CSV files.

Which three actions should you perform in sequence. To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

Actions	Answer Area
From Power Query Editor, remove the Attributes column.	
From Power Query Editor, remove the Content column.	
From Power BI Desktop, select Get Data, and then select Text/CSV.	
From Power BI Desktop, select <b>Get Data</b> , and then select Folder.	
From Power Query Editor, expand the Attributes column.	
From Power Query Editor, combine the Content column.	

A. Mastered

B. Not Mastered

**Answer: A**

#### Explanation:

From Power BI Desktop, select Get Data, and then select Folder. From Power Query Editor, remove the Content column.

From Power Query Editor, expand the Attributes column.



#### NEW QUESTION 243

- (Topic 4)

You are creating a Power BI report to analyze consumer purchasing patterns from a table named Transactions. The Transactions table contains a numeric field named Spend. You need to include a visual that identifies which fields have the greatest impact on Spend. Which type of visual should you use?

- A. decomposition tree
- B. Q&A
- C. smart narrative
- D. key influences

**Answer: D**

#### NEW QUESTION 248

- (Topic 4)

You have a Power BI report. The report contains visualizations that have interactions. You need to identify which visualizations take the longest to complete. What should you use?

- A. SQL Server Profiler
- B. Performance Analyzer in Power BI Desktop
- C. Query Diagnostics in Power BI
- D. Microsoft Edge DevTools

**Answer: B**

#### Explanation:

Use Power BI Desktop Performance Analyzer to optimize reports.

In Power BI Desktop you can find out how each of your report elements, such as visuals and DAX formulas, are performing. Using the Performance Analyzer, you can see and record logs that measure how each of your report elements performs when users interact with them, and which aspects of their performance are most (or least) resource intensive.

Reference:

<https://docs.microsoft.com/en-us/power-bi/create-reports/desktop-performance-analyzer>

#### NEW QUESTION 250

- (Topic 4)

Note: This question is part of a series of questions that use the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is the same in each question in this series.

You have a Microsoft SQL Server database that contains the following tables.

Table name	Column name	Data type
Order	Order_ID	Integer
	Order_date	Integer
	Order_amount	Currency
	Customer_ID	Integer
	Order_ship_date	Integer
	Store_ID	Integer
Customer	Customer_ID	Integer
	First_name	Varchar(100)
	Last_name	Varchar(100)
	Customer_photo	Binary
Date	Date_ID	Integer
	Date_name	Datetime
	Month	Integer
	Week	Integer
	Year	Integer
Monthly_returns	Month_ID	Integer
	Total_returns	Float
	Store_ID	Varchar(100)
Store	Store_ID	Integer
	Name	Varchar(100)
	City	Varchar(100)
	Sales_target	Float

The following columns contain date information:

- Date[Month] in the mmyyyy format
  - Date[Date\_ID] in the ddmmmyyyy format
  - Date[Date\_name] in the mm/dd/yyyy format
  - Monthly\_returns[Month\_ID] in the mmyyyy format
- The Order table contains more than one million rows.

The Store table has a relationship to the Monthly\_returns table on the Store\_ID column. This is the only relationship between the tables.

You plan to use Power BI Desktop to create an analytics solution for the data.

You need to create a relationship between the Monthly\_returns table and Date[Date\_ID]. What should you do before you create the relationship?

- A. In the Date table, create a new calculated column named MonthJD that uses the yyyydd format.

- B. In the Monthly\_returns table, create a new calculated column named DateJD that uses the ddmmyyyy format.  
 C. To the Order table, add a calculated column that uses the RELATED(Monthly\_returns[Month\_ID]) DAX formula.  
 D. To the Date table, add a calculated column that uses the RE LATE D(Monthly\_ret urns [MonthJD]) DAX formula.

**Answer:** B

**Explanation:**

References:  
<https://docs.microsoft.com/en-us/power-bi/desktop-create-and-manage-relationships>

**NEW QUESTION 254**

- (Topic 4)

You have a data model that contains many complex DAX expressions. The expressions contain frequent references to the RELATED and RELATEDTABLE functions.

You need to recommend a solution to minimize the use of the RELATED and RELATEDTABLE functions.

What should you recommend?

- A. Merge tables by using Power Query.  
 B. Hide unused columns in the model.  
 C. Split the model into multiple models.  
 D. Transpose.

**Answer:** A

**Explanation:**

Combining data means connecting to two or more data sources, shaping them as needed, then consolidating them into a useful query.

When you have one or more columns that you'd like to add to another query, you merge the queries.

Note: The RELATEDTABLE function is a shortcut for CALCULATETABLE function with no logical expression.

CALCULATETABLE evaluates a table expression in a modified filter context and returns A table of values.

Reference:  
<https://docs.microsoft.com/en-us/power-bi/connect-data/desktop-shape-and-combine-data>

**NEW QUESTION 259**

- (Topic 4)

You have a Power BI report hosted on powerbi.com that displays expenses by department for department managers.

The report contains a line chart that shows expenses by month.

You need to enable users to choose between viewing the report as a line chart or a column chart. The solution must minimize development and maintenance effort.

What should you do?

- A. Add a column chart, a bookmark, and a button for users to choose a visual.  
 B. Create a mobile report that contains a column chart.  
 C. Create a separate report page for users to view the column chart.  
 D. Enable report readers to personalize visuals.

**Answer:** C

**NEW QUESTION 260**

- (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

From Power Query Editor, you profile the data shown in the following exhibit.

	IoT GUID	IoT DateTime	IoT ID
	Valid 100% Error 0% Empty 0%	Valid 100% Error 0% Empty 0%	Valid 100% Error 0% Empty 0%
1	48196321-38D9-EC11-883D-0022489A2...	21/05/2022 18:59:25	100001000
2	49196321-38D9-EC11-883D-0022489A2...	21/05/2022 18:59:26	100001001
3	0300C742-38D9-EC11-883D-0022489A2...	21/05/2022 19:00:21	100001002
4	0400C742-38D9-EC11-883D-0022489A2...	21/05/2022 19:00:21	100001003
5	0500C742-38D9-EC11-883D-0022489A2...	21/05/2022 19:00:21	100001004
6	0600C742-38D9-EC11-883D-0022489A2...	21/05/2022 19:00:21	100001005

The IoT GUID and IoT ID columns are unique to each row in query.

You need to analyze IoT events by the hour and day of the year. The solution must improve dataset performance.

Solution: You remove the IoT GUID column and retain the IoT ID column. Does this meet the goal?

- A. Yes  
 B. No

**Answer:** A

#### NEW QUESTION 265

- (Topic 4)

You have a Power BI report that contains five pages. Pages 1 to 4 are visible and page 5 is hidden.

You need to create a solution that will enable users to quickly navigate from the first page to all the other visible pages. The solution must minimize development and maintenance effort as pages are added to the report.

What should you do first?

- A. Add a blank button to page 1.
- B. Add a bookmark navigation button to page 1.
- C. Create a bookmark for each page.
- D. Add a page navigation button to page 1.

**Answer: A**

#### NEW QUESTION 268

- (Topic 4)

You have a Power BI report that contains one page. The page contains two line charts and one bar chart.

You need to ensure that users can perform the following tasks for all three visuals:

? Switch the measures used in the visuals.

? Change the visualization type.

? Add a legend.

The solution must minimize development effort. What should you do?

- A. Enable personalization for each Visual.
- B. Create a bookmark for each acceptable combination of visualization type, measure, and legend in the bar chart
- C. Edit the interactions between the three visuals.
- D. Enable personalization for the report

**Answer: C**

#### NEW QUESTION 271

- (Topic 4)

You have a Microsoft Power BI data model that contains three tables named Orders, Date, and City. There is a one-to-many relationship between Date and Orders and between City and Orders.

The model contains two row-level security (RLS) roles named Role1 and Role2. Role1 contains the following filter.

City[State Province] = "Kentucky"

Role2 contains the following filter. Date[Calendar Year] = 2020

If a user is a member of both Role1 and Role2, what data will they see in a report that uses the model?

- A. The user will see data for which the State Province value is Kentucky and the Calendar Year is 2020.
- B. The user will see data for which the State Province value is Kentucky or the Calendar Year is 2020.
- C. The user will see only data for which the State Province value is Kentucky.
- D. The user will receive an error and will not be able to see the data in the report.

**Answer: B**

#### Explanation:

When a report user is assigned to multiple roles, RLS filters become additive. It means report users can see table rows that represent the union of those filters.

Reference:

<https://docs.microsoft.com/en-us/power-bi/guidance/rls-guidance>

#### NEW QUESTION 272

- (Topic 4)

You have a dashboard that contains tiles pinned from a single report as shown in the Original Dashboard exhibit. (Click the Original Dashboard tab.)





You need to modify the dashboard to appear as shown in the Modified Dashboard exhibit. (Click the Modified Dashboard tab.)



What should you do?

- A. Edit the details of each tile.
- B. Change the report theme.
- C. Change the dashboard theme.
- D. Create a custom CSS file.

**Answer: C**

**Explanation:**

<https://docs.microsoft.com/en-us/power-bi/create-reports/service-dashboard-themes#how-dashboard-themes-work>

#### NEW QUESTION 276

- (Topic 4)

You have a project management app that is fully hosted in Microsoft Teams. The app was developed by using Microsoft Power Apps. You need to create a Power BI report that connects to the project management app. Which connector should you select?

- A. Microsoft Teams Personal Analytics
- B. SQL Server database
- C. Dataverse
- D. Dataflows

**Answer: C**

#### NEW QUESTION 277

DRAG DROP - (Topic 4)

You have a Power BI data model that contains two tables named Products and Sales. A one-to-many relationship exists between the tables.

You have a report that contains a report-level filter for Products.

You need to create a measure that will return the percent of total sales for each product. The measure must respect the report-level filter when calculating the total.

How should you complete the DAX measure? To answer drag the appropriate DAX functions to the correct targets- Each function may be used once, more than once, or not at all the spirit bar between panes or scroll to view content

NOTE: Each correct selection is worth one point

DAX Function	Answer Area
ALL	<p>Percent of Product Sales =</p> <p>VAR ProductSales = SUM ('Sales'[Sales])</p> <p>VAR AllSales =</p> <p>Function (SUM ('Sales'[Sales]), Function ('Products'[Product]))</p> <p>RETURN</p> <p>DIVIDE (ProductSales, AllSales)</p>
ALLSELECTED	
CALCULATE	
FILTER	
SELECTEDVALUE	

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**



DAX Function

ALL

ALLSELECTED

CALCULATE

FILTER

SELECTEDVALUE

Answer Area

Percent of Product Sales =

VAR ProductSales = SUM ('Sales'[Sales])

VAR AllSales =

CALCULATE (SUM ('Sales'[Sales]), FILTER ('Products'[Product]))

RETURN

DIVIDE (ProductSales, AllSales)

NEW QUESTION 278

DRAG DROP - (Topic 4)

You have a Power BI report that contains three pages. The pages are used to analyze sales across various countries.

You add a sheer named Country to each page of the report.

You need to configure the report to meet the following requirements:

- When a user selects a country on the first page, the report must filter the other pages.
- The second and third pages must display only the filtered results.

Which task should you perform for each requirement? To answer, drag the appropriate task to the correct requirement. Each task may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.Ther

NOTE Each correct selection is worth one point.

Tasks

Add the Country field to the filters on all the pages

Configure the Country slicer to sync across all the pages

Configure the Country slicer to sync only on the second and third pages

Hide the Country slicer on the second and third pages

Answer Area

When a user selects a country on the first page, the report must filter the other pages:

The second and third pages must display only the filtered results:

- A. Mastered  
B. Not Mastered

Answer: A

Explanation:

Tasks

Add the Country field to the filters on all the pages

Configure the Country slicer to sync across all the pages

Configure the Country slicer to sync only on the second and third pages

Hide the Country slicer on the second and third pages

Answer Area

When a user selects a country on the first page, the report must filter the other pages:

The second and third pages must display only the filtered results:

Configure the Country slicer to sync across all the pages

Add the Country field to the filters on all the pages

NEW QUESTION 283

- (Topic 4)

You have a prospective customer list that contains 1,500 rows of data. The list contains the following fields:

- ? First name
- ? Last name
- ? Email address
- ? State/Region
- ? Phone number

You import the list into Power Query Editor.

You need to ensure that the list contains records for each State/Region to which you want to target a marketing campaign.

Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Open the Advanced Editor.  
B. Select Column quality.  
C. Enable Column profiling based on entire dataset.  
D. Select Column distribution.  
E. Select Column profile.

Answer: CE

Explanation:

In Power query, the load preview by default is 1000 row. By default, the column quality also only looks at the first 1000 row. You can verify this by the status bar at the bottom of the Power query window. To change the profiling so it analyses the entire column of data, select the profiling status in the status bar. Then select Column profiling based on the entire data set.

<https://theexcelclub.com/data-profiling-views-in-power-query-excel-and-power-bi/>

NEW QUESTION 285

- (Topic 4)

You use Power 81 Desktop to load data from a Microsoft SQL Server database. While waiting for the data to load, you receive the following error.

ERROR [08001] timeout expired

You need to resolve the error.

What are two ways to achieve the goal? Each correct answer presents a complete solution NOTE: Each correct selection is worth one point.

- A. Split long running queries into subsets Of columns and use power Query to the queries
- B. Disable query folding on long running queries
- C. Reduce number of rows and columns returned by each query.
- D. Use Power Query to combine long running queries into one query.

**Answer:** BD

#### NEW QUESTION 287

- (Topic 4)

You have a Power BI dashboard that displays different visualizations of company sales.

You enable Q&A on the dashboard.

You need to provide users with sample questions that they can ask when using Q&A. Which settings should you modify from the Power BI Settings?

- A. Subscriptions
- B. Dashboards
- C. Datasets
- D. Workbooks

**Answer:** C

#### Explanation:

References: <https://docs.microsoft.com/en-us/power-bi/service-q-and-a-create-featured-questions>

#### NEW QUESTION 290

- (Topic 4)

You are creating a report in Power BI Desktop.

You load a data extract that includes a free text field named coll.

You need to analyze the frequency distribution of the string lengths in col1. The solution must not affect the size of the model.

What should you do?

- A. In the report, add a DAX calculated column that calculates the length of col1
- B. In the report, add a DAX function that calculates the average length of col1
- C. From Power Query Editor, add a column that calculates the length of col1
- D. From Power Query Editor, change the distribution for the Column profile to group by length for col1

**Answer:** A

#### Explanation:

From Power Query.. highlight the column.. from the tab view select Column Profile Option.. in the Value distribution section that appears below, from the 3dots.. you can change to group by text length distribution

#### NEW QUESTION 291

DRAG DROP - (Topic 4)

You receive annual sales data that must be included in Power BI reports.

From Power Query Editor, you connect to the Microsoft Excel source shown in the following exhibit.

2	Feb	2	758	773	0
3	Mar	3	37763	570	null
4	Apr	4	8364	9417	null
5	May	5	58256	276	null
6	June	6	6722	235	null
7	July	7	55225	6297	null
8	Aug	8	673	63	null
9	Sep	9	552	357	null
10	Oct	10	7838	24214	null
11	Nov	11	83544	257	null
12	Dec	12	32455	389	null

You need to create a report that meets the following requirements:

- Visualizes the Sales value over a period of years and months
- Adds a slicer for the month
- Adds a slicer for the year

**Actions**

Select the Month and MonthNumber columns.

Select **Transpose**.

Rename the Attribute column as Year and the Value column as Sales.

Select **Unpivot other columns**.

Select the 2019, 2020, and 2021 columns.

>

<

**Answer Area**

A. Mastered

B. Not Mastered

Answer: A

Explanation:

**Actions**

Select the Month and MonthNumber columns.

Select **Transpose**.

Rename the Attribute column as Year and the Value column as Sales.

Select **Unpivot other columns**.

Select the 2019, 2020, and 2021 columns.

**Answer Area**

Select the 2019, 2020, and 2021 columns.

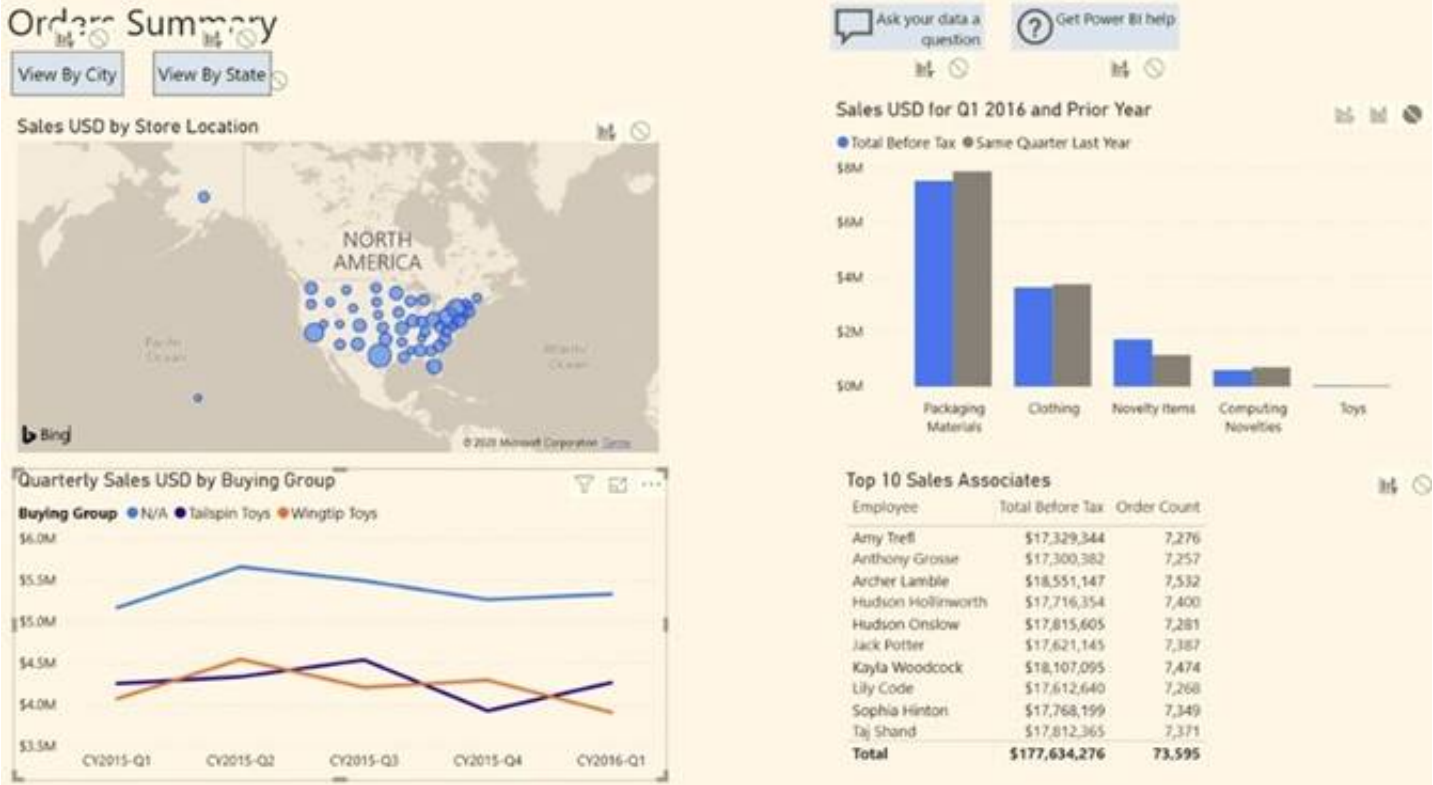
Select **Unpivot other columns**.

Rename the Attribute column as Year and the Value column as Sales.

NEW QUESTION 296

HOTSPOT - (Topic 4)

You have a report page that contains the visuals shown in the following exhibit.



Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic. NOTE: Each correct selection is worth one point.

**Answer Area**

Selecting a quarter on the line chart will [answer choice] the clustered column chart.

Selecting a data point on the Tailspin Toys line on the line chart will [answer choice] the map.

cross-filter

cross-highlight

not affect

cross-filter

cross-highlight

not affect

A. Mastered

B. Not Mastered

Answer: A

Explanation:

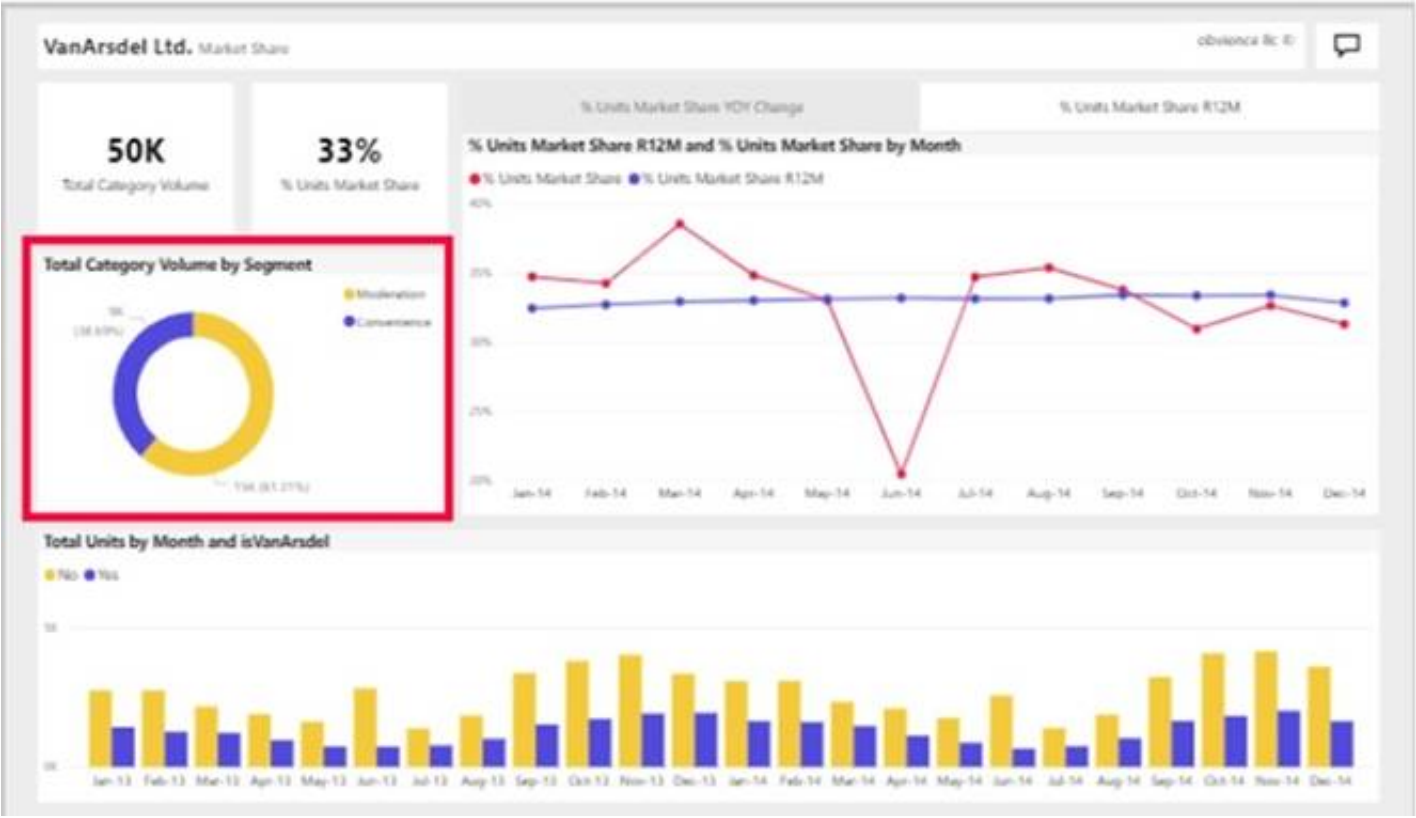
Box 1: cross-filter

By default, selecting a data point in one visual on a report page will cross-filter or cross-highlight the other visuals on the page.

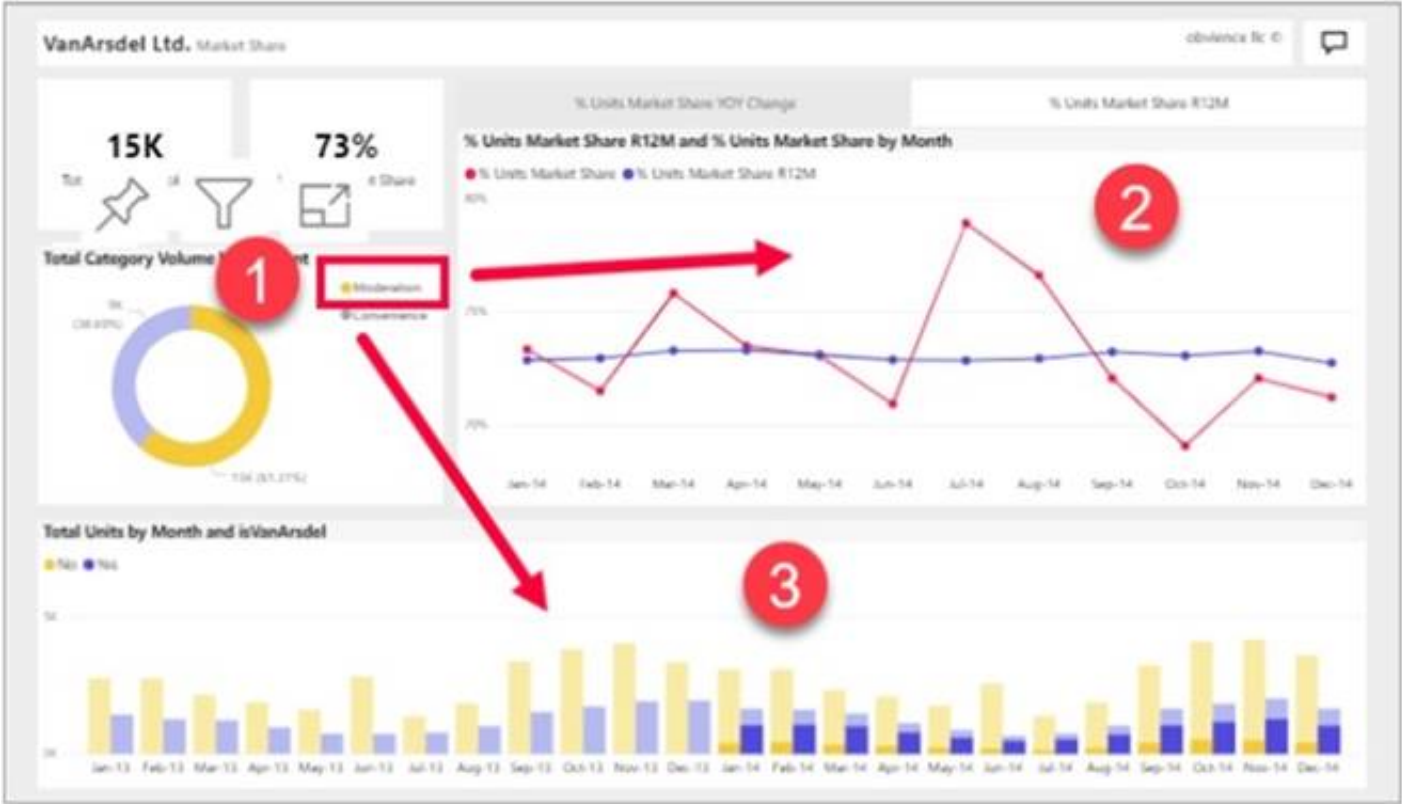
Box 2: cross-highlight Example:

By default, selecting a data point in one visual on a report page will cross-filter or cross-highlight the other visuals on the page.





\* 1. Let's see what happens when we select Moderation.



- \* 2. Cross-filtering removes data that doesn't apply. Selecting Moderation in the doughnut chart cross-filters the line chart. The line chart now only displays data points for the Moderation segment.
- \* 3. Cross-highlighting retains all the original data points but dims the portion that does not apply to your selection. Selecting Moderation in the doughnut chart cross-highlights the column chart. The column chart dims all the data that applies to the Convenience segment and highlights all the data that applies to the Moderation segment.

**NEW QUESTION 299**

DRAG DROP - (Topic 4)

You use Power Query Editor to preview the data shown in the following exhibit

SKU		price	discount
11 distinct, 11 unique		9 distinct, 7 unique	
1	P00001	100	0.08
2	P00002	150	0.03
3	P00003	130	Error
4	P00004	200	0.06
5	P00005	80	Error
6	P00006	350	Error
7	P00007	100	Error
8	P00008	200	0.05
9	P00009	135	Error
10	P00010	90	Error
11	P00011	120	Error

You need to clean and transform the query so that all the rows of data are maintained, and error values in the discount column are replaced with a discount of



0.05. The solution must minimize administrative effort.

Which three actions should you perform in sequence? To answer move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
For the discount column, change Data Type to Whole Number.	
Select the price column.	
Select the discount column.	
Select Replace Errors to replace each error value with 0.05.	
For the discount column, change Data Type to Decimal Number.	

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

Actions	Answer Area
For the discount column, change Data Type to Whole Number.	
Select the price column.	
Select the discount column.	
Select Replace Errors to replace each error value with 0.05.	
For the discount column, change Data Type to Decimal Number.	

### NEW QUESTION 301

- (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a Power BI report that imports a date table and a sales table from an Azure SQL database data source. The sales table has the following date foreign keys:

- ? Due Date
- ? Order Date
- ? Delivery Date

You need to support the analysis of sales over time based on all the date foreign keys.

Solution: For each date foreign key, you add inactive relationships between the sales table and the date table.

Does this meet the goal?

- A. Yes
- B. No

**Answer: B**

**Explanation:**

You can reference an inactive relationship with DAX function USERELATIONSHIP(), but using DAX is not mentioned here.

So follow this refractory methodology:

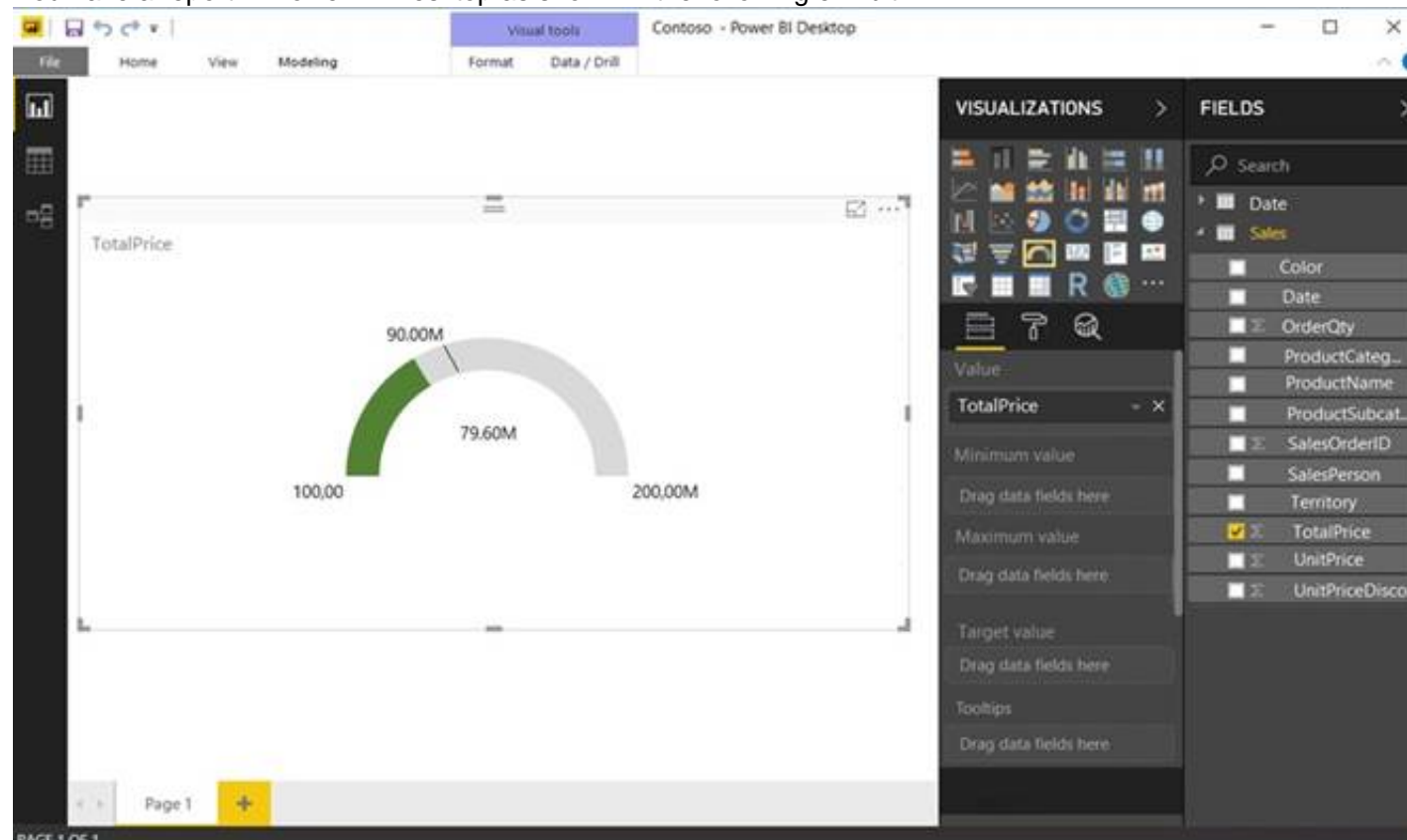
Create a copy of the role-playing table, providing it with a name that reflects its role. If it's an Import table, we recommend defining a calculated table. If it's a DirectQuery table, you can duplicate the Power Query query.

Source: <https://learn.microsoft.com/en-us/power-bi/guidance/relationships-active-inactive>

### NEW QUESTION 303

HOTSPOT - (Topic 4)

You have a report in Power BI Desktop as shown in the following exhibit.



Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

Note: Each correct selection is worth one point.

The goal is set by using [answer choice].

a calculated measure

a DAX formula

the Format settings

To configure the visualization to display TotalPrice for the Territory of Canada always, you must add the Territory column to [answer choice].

the Tooltips field

the Values field

the Visual level filters field

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

The goal is set by using [answer choice].

a calculated measure

a DAX formula

the Format settings

To configure the visualization to display TotalPrice for the Territory of Canada always, you must add the Territory column to [answer choice].

the Tooltips field

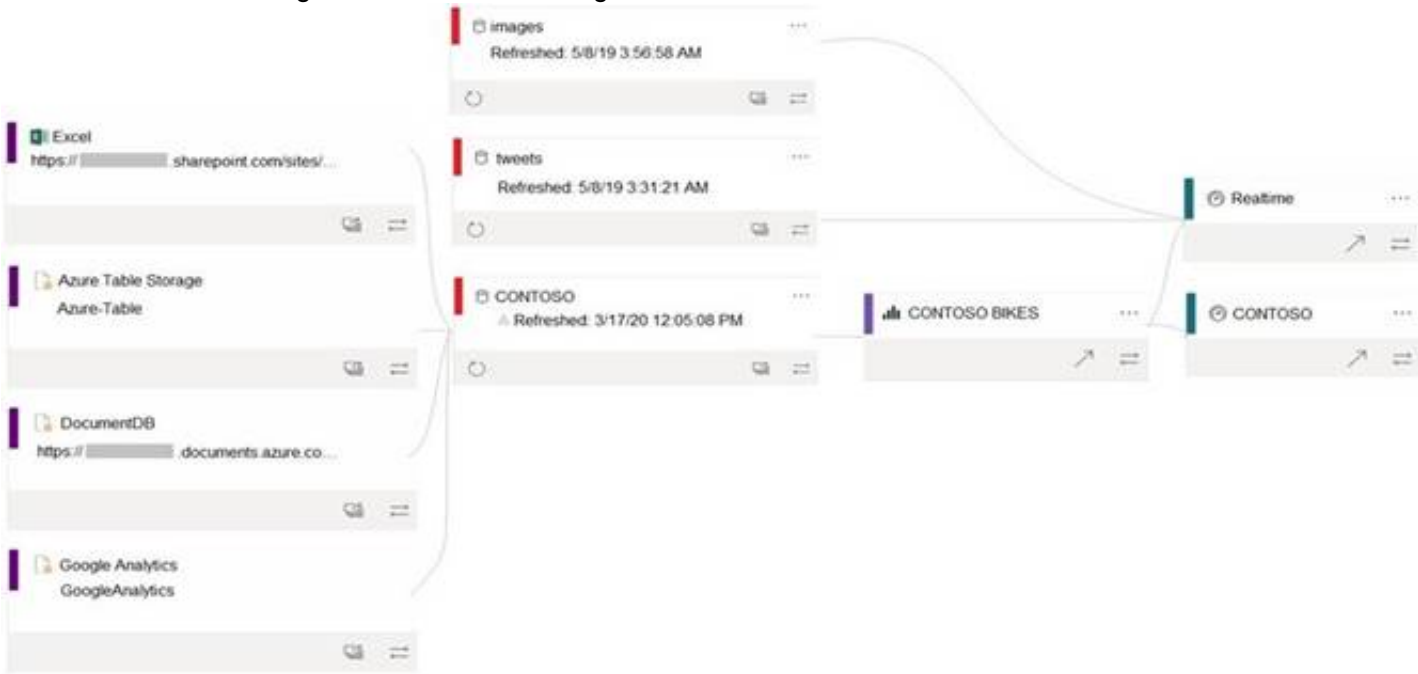
the Values field

the Visual level filters field

NEW QUESTION 307

HOTSPOT - (Topic 4)

You have the data lineage shown in the following exhibit.



Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.  
NOTE: Each correct selection is worth one point.

The CONTOSO dataset is consumed directly by the

CONTOSO BIKES report

CONTOSO dashboard

Realtime dashboard

The Realtime dashboard depends on

one dataset

two datasets

three datasets

four datasets

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

Box 1: CONTOSO BIKES report Box 2: three datasets  
 Images, tweets and the Contoso datasets.

**NEW QUESTION 312**

- (Topic 4)

You have a Rawer BI report That imports a dace table and a sales table from an Azure SQL database data source. The sales table has the following date foreign keys:

- Due Date
- Order Date
- Delivery Date

You need to support the analysis of sales over time based on all three dates at the same time.

Solution: From the Fields pane, you rename the date table as Due Date. You use a DAX expression to create Order Date and Delivery Date as calculated tables. You create active relationships between the sales table and each date table.

Does this meet the goal?

- A. Yes
- B. No

**Answer: A**

**NEW QUESTION 316**

- (Topic 4)

You have a Microsoft Power BI report. The size of PBIX file is 550 MB. The report is accessed by using an App workspace in shared capacity of powerbi.com.

The report uses an imported dataset that contains one fact table. The fact table contains 12 million rows. The dataset is scheduled to refresh twice a day at 08:00 and 17:00.

The report is a single page that contains 15 AppSource visuals and 10 default visuals. Users say that the report is slow to load the visuals when they access and interact with the report.

You need to recommend a solution to improve the performance of the report. What should you recommend?

- A. Change any DAX measures to use iterator functions.
- B. Replace the default visuals with AppSource visuals.
- C. Change the imported dataset to DirectQuery.
- D. Remove unused columns from tables in the data model.

**Answer: D**

**Explanation:**

DirectQuery: No data is imported or copied into Power BI Desktop.

Import: The selected tables and columns are imported into Power BI Desktop. As you create or interact with a visualization, Power BI Desktop uses the imported data.

Benefits of using DirectQuery

There are a few benefits to using DirectQuery:

? DirectQuery lets you build visualizations over very large datasets, where it would otherwise be unfeasible to first import all the data with pre-aggregation.

? Underlying data changes can require a refresh of data. For some reports, the need to display current data can require large data transfers, making reimporting data unfeasible. By contrast, DirectQuery reports always use current data.

The 1-GB dataset limitation doesn't apply to DirectQuery. Reference:

<https://docs.microsoft.com/en-us/power-bi/connect-data/desktop-use-directquery>

**NEW QUESTION 317**

- (Topic 4)

You have a Power B1 report that contains the visuals shown in the following table.

Type	Horizontal coordinate	Vertical coordinate
Table	300	200
Clustered column chart	700	200
Slicer	20	100

You need to modify the location of each visual. What should you modify for each visual?

- A. the layer order
- B. the padding
- C. the position
- D. the tab order

**Answer: C**

**NEW QUESTION 319**

- (Topic 4)

Your company plans to completely separate development and production assets such as datasets, reports, and dashboards in Microsoft Power BI.

You need to recommend an application lifecycle strategy. The solution must minimize access to production assets and prevent end users from viewing the development assets.

What should you recommend?



- A. Create production reports in a separate workspace that uses a shared dataset from the developmentworkspac
- B. Grant the end users access to the production workspace.
- C. Create one workspace for developmen
- D. From the new workspace, publish an app for production.
- E. Create a workspace for development and a workspace for productio
- F. From the production workspace,publish an app.
- G. In one workspace, create separate copies of the assets and append DEV to the names of the copied asset
- H. Grant the end users access to the workspace.

**Answer:** C

**Explanation:**

Use different work stages (Development, Test, and Production). Deploy from the Development workspace.

Reference:

<https://visualbi.com/blogs/microsoft/powerbi/application-lifecycle-management-power-bi/>

**NEW QUESTION 324**

- (Topic 4)

Remove unused columns from tables in the data model. This will reduce the size of your PBIX file and make your data model more efficient. You can use Power Query Editor to remove any columns that are not used in your report or calculations.

Month	2020	2021
Valid 100%	Valid 100%	Valid 100%
Error 0%	Error 0%	Error 0%
Empty 0%	Empty 0%	Empty 0%
12 distinct, 12 unique	12 distinct, 12 unique	12 distinct, 12 unique
January	4400	4908
February	2988	3722
March	5230	4815
April	4500	5031
May	3850	4354
June	6215	6019
July	2507	3922
August	3605	3740
September	4680	4850
October	3955	4612
November	6510	6490

You need to shape the query to display the following three columns:

- \* Month
- \* Sales
- \* Year

What should you select in Power Query Editor?

- A. Pivot column
- B. Merge columns
- C. Unpivot columns.
- D. Transpose

**Answer:** C

**Explanation:**

This will convert your column headers (Jan-20, Feb-20,...) into row values under a new column called Attribute. You can then rename this column as Month and change its data type to Date. You will also have a new column called Value that contains the sales amounts for each month. You can rename this column as Sales and change its data type to Decimal Number.

**NEW QUESTION 326**

- (Topic 4)

You have a CSV file that contains user complaints. The file contains a column named Logged. Logged contains the date and time each complaint occurred. The data in Logged is in the following format: 2018-12-31 at 08:59.

You need to be able to analyze the complaints by the logged date and use a built-in date hierarchy.

What should you do?

- A. Apply a transformation to extract the last 11 characters of the Logged column and set the data type of the new column to Date.
- B. Change the data type of the Logged column to Date.
- C. Split the Logged column by using at as the delimiter.
- D. Apply a transformation to extract the first 11 characters of the Logged column.

**Answer:** C

**Explanation:**

Simply create a custom table in Power Query, enter the date shown in the question into a column called Date, and then Split it by a delimiter. No need for spaces on either side of "at" Power BI takes care of the rest:



= Table.SplitColumn("#Changed Type", "Date", Splitter.SplitTextByDelimiter("at", QuoteStyle.Csv), {"Date.1", "Date.2"})  
It will even automatically change the type to Date:  
= Table.TransformColumnTypes("#Split Column by Delimiter",{{"Date.1", type date}, {"Date.2", type time}})

**NEW QUESTION 330**

- (Topic 4)

Simon	101	100
Wenanta	102	100
Conrad	103	101
Priyish	104	103
Sunil	105	103
Pavel	106	102

Each employee has one manager as shown in the ParentEmployeeID column, All reporting paths lead to the CEO at the top of the organizational hierarchy. You need to create a calculated column that returns the count of levels from each employee to the CEO. Which DAX expression should you use?

- A. `PATHITER(PATH(Employee[EmployeeID],Employee[ParentEmployeeID]),1,INTEGER)`
- B. `PATHCONTAINS(PATH(Employee[EmployeeID],Employee[ParentEmployeeID]),1)`
- C. `PATH(Employee[EmployeeID],Employee[ParentEmployeeID])`
- D. `PATHLENGTH(PATH(Employee[EmployeeID],Employee[ParentEmployeeID]))`

- A. Option A  
B. Option B  
C. option C  
D. Option D

**Answer:** B

**NEW QUESTION 335**

DRAG DROP - (Topic 4)

You have a Power BI workspace that contains a single-page report named Sales. You need to add all the visuals from Sales to a dashboard. The solution must ensure that additional visuals added to the page are added automatically to the dashboard. Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Pin the page.

Open the Sales report.

Open Power BI Desktop.

Pin each visual.

Open powerbi.com.

Create a new report.

Answer Area

>

<

<

>

- A. Mastered  
B. Not Mastered

**Answer:** A

**Explanation:**

Open powerbi.com  
Select sales report  
Pin the page

**NEW QUESTION 340**

- (Topic 4)

In the Power BI service, you create an app workplace that contains several dashboards. You need to provide a user named user1@contoso.com with the ability to edit and publish dashboards. What should you do?

- A. Modify the members of the app workspace.  
B. Configure security for the dataset used by the app.  
C. Share the dashboard, and then modify the Access settings of the dashboard.  
D. From the app workspace, click Update app, and then configure the Access settings.

**Answer:** C

**NEW QUESTION 343**

- (Topic 4)

You have the dataset shown in the following exhibit.

City	Sales Profit
Abbotsburg	\$173,947
Absecon	\$129,358
Accomac	\$157,768
Aceitunas	\$119,283
Airport Drive	\$162,500
Akhiok	\$259,554
Alcester	\$127,040
Alden Bridge	\$152,138
Alstead	\$106,147
Amado	\$136,718
Amanda Park	\$117,444
Andrix	\$130,710
Annamoriah	\$139,499
Antares	\$147,562
Antonio	\$113,056
<b>Total</b>	<b>\$85,729,181</b>

You need to ensure that the visual shows only the 10 cities that have the highest sales profit. What should you do?

- A. Add a Top N filter to the visual.
- B. Configure the Sales Profit measure to use the RANKX function.
- C. Add a calculated column to the table that uses the TOPN function.
- D. In the visual, replace Sales Profit with the calculated column.
- E. Add a calculated column to the table that returns the city name if the city is in the top 10, otherwise the calculated column will return "Not in Top 10". In the visual, replace Sales Profit with the calculated column.

**Answer:** A

**Explanation:**

Power BI Top N Filters are useful to display the top performing records, and Bottom N filters are helpful to display the least performing records. For example, we can display top or bottom 10 products by orders or sales.

Note:

- ? Select the Column you want to display the Top Sales Profit
- ? Then change the Filter Type of that Column to Top N
- ? Fill in Top / Bottom number field
- ? And lastly drag to the By Value field your Sales Profit

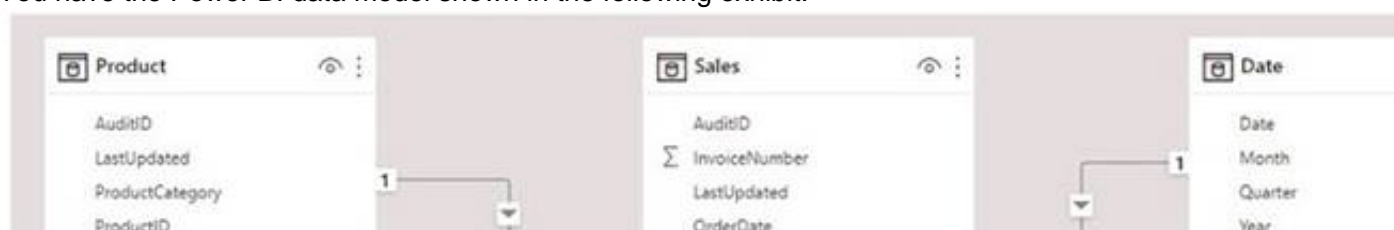
Reference:

<https://www.tutorialgateway.org/power-bi-top-10-filters/>

**NEW QUESTION 344**

HOTSPOT - (Topic 4)

You have the Power BI data model shown in the following exhibit.



Select the appropriate yes or no.

Statements	Yes	No
Removing the LastUpdated column from the Sales table reduces the model size while still supporting the required analysis.	<input type="radio"/>	<input type="radio"/>
Removing the ProductID column from the Sales table reduces the model size while still supporting the required analysis.	<input type="radio"/>	<input type="radio"/>
Removing the ShipDate column from the Sales table reduces the model size while still	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Statements	Yes	No
Removing the LastUpdated column from the Sales table reduces the model size while still supporting the required analysis.	<input checked="" type="radio"/>	<input type="radio"/>
Removing the ProductID column from the Sales table reduces the model size while still supporting the required analysis.	<input checked="" type="radio"/>	<input type="radio"/>
Removing the ShipDate column from the Sales table reduces the model size while still	<input type="radio"/>	<input checked="" type="radio"/>

### NEW QUESTION 349

- (Topic 4)

You have multiple dashboards.

You need to ensure that when users browse the available dashboards from powerbi.com, they can see which dashboards contain Personally Identifiable Information (PII). The solution must minimize configuration effort and impact on the dashboard design.

What should you use?

- A. comments
- B. tiles
- C. Microsoft Information Protection sensitivity labels
- D. Active Directory groups

**Answer:** C

**Explanation:**

Microsoft Information Protection sensitivity labels provide a simple way for your users to classify critical content in Power BI without compromising productivity or the ability to collaborate. Sensitivity labels can be applied to datasets, reports, dashboards, and dataflows. Reference:

<https://docs.microsoft.com/en-us/power-bi/admin/service-security-sensitivity-label-overview>

### NEW QUESTION 353

- (Topic 4)

You import two Microsoft Excel tables named Customer and Address into Power Query. Customer contains the following columns:

- ? Customer ID
- ? Customer Name
- ? Phone
- ? Email Address
- ? Address ID

Address contains the following columns:

- ? Address ID
- ? Address Line 1
- ? Address Line 2
- ? City
- ? State/Region
- ? Country
- ? Postal Code

The Customer ID and Address ID columns represent unique rows.

You need to create a query that has one row per customer. Each row must contain City, State/Region, and Country for each customer.

What should you do?

- A. Merge the Customer and Address tables.
- B. Transpose the Customer and Address tables.
- C. Group the Customer and Address tables by the Address ID column.
- D. Append the Customer and Address tables.

**Answer:** A

**Explanation:**

There are two primary ways of combining queries: merging and appending.

? When you have one or more columns that you'd like to add to another query, you merge the queries.

? When you have additional rows of data that you'd like to add to an existing query, you append the query.

Reference:

<https://docs.microsoft.com/en-us/power-bi/connect-data/desktop-shape-and-combine-data>



NEW QUESTION 358

HOTSPOT - (Topic 4)

You have an API that returns more than 100 columns. The following is a sample of column names.

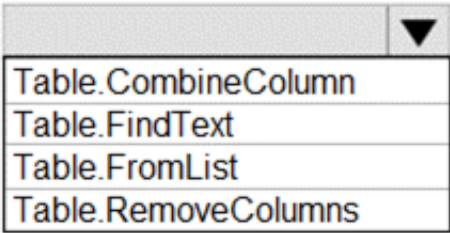
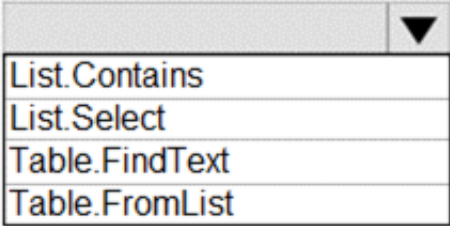
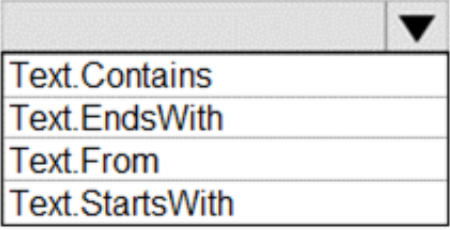
- ? client\_notified\_timestamp
- ? client\_notified\_source
- ? client\_notified\_sourceid
- ? client\_notified\_value
- ? client\_responded\_timestamp
- ? client\_responded\_source
- ? client\_responded\_sourceid
- ? client\_responded\_value

You plan to include only a subset of the returned columns.

You need to remove any columns that have a suffix of sourceid.

How should you complete the Power Query M code? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

```
let
    Source = ...,
    rawData = Source{[tableId= "clientData"]}[Data],
    removeSources =  (rawData,
         (Table.ColumnNames (rawData),
            each  (_, "sourceid"))
in
    removeSources
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Table.RemoveColumns

When you do "Remove Columns" Power Query uses the Table.RemoveColumns function

Box 2: List.Select Get a list of columns.

Box 3: Text.EndsWith

NEW QUESTION 363

- (Topic 4)

You create the following step by using Power Query Editor.

```
=
Table.ReplaceValue(SalesLT_Address,"1318","1319",Replacer.ReplaceText,{"AddressLine 1"})
```

A row has a value of 21318 Lasalle Street in the AddressLine1 column. What will the value be when the step is applied?

- A. 1318
- B. 1319
- C. 21318 Lasalle Street
- D. 21319 Lasalle Street

Answer: D

Explanation:

Example:

Replace the text "ur" with the text "or" in the table.



```
Table.ReplaceValue(  
    Table.FromRecords(  
        [a = 1, b = "hello"],  
        [a = 3, b = "wurld"]  
    )),  
    "ur",  
    "or",  
    Replacer.ReplaceText,  
    {"b"}  
)
```

a	b
1	hello
3	world

Reference:

<https://docs.microsoft.com/en-us/powerquery-m/table-replacevalue>

#### NEW QUESTION 364

- (Topic 4)

In Power BI Desktop, you have a dataset that contains a table.

You create a table visual on a Power BI report page as shown in the following exhibit

Plant Name	Plant Image
Pothos	<a href="https://raw.githubusercontent.com/ml">https://raw.githubusercontent.com/ml</a>
Spider plant	<a href="https://raw.githubusercontent.com/ml">https://raw.githubusercontent.com/ml</a>
philodendron	<a href="https://raw.githubusercontent.com/ml">https://raw.githubusercontent.com/ml</a>
ZZ plant	<a href="https://raw.githubusercontent.com/ml">https://raw.githubusercontent.com/ml</a>

You need to configure the visual to display the referenced image instead of the URL in the Plant Image column.  
What should you do?

- A. Set the Data category of the Plant Image field to Image URL
- B. Set the Data type of the Plant Image field to Binary.
- C. Set the Data category of the Plant Image field to Web URL.
- D. From the Formatting tab
- E. select Values, and then set URL icons to On for the table.

**Answer:** A

#### NEW QUESTION 369

- (Topic 4)

You have a Power BI app named App1. The privacy for the App1 workspace is set to Private.

A user named User1 reports that App1 does not appear in the My organization AppSource. App1 appears in the My organization AppSource for your account.

You need to ensure that User sees App1 from the My organization AppSource. What should you do?

- A. From the app workspace, click Update app, configure the Content settings, and then click Update app.
- B. From the app workspace settings, add a member.
- C. From the app workspace, click Update app, configure the Access setting, and then click Update app.
- D. From the app workspace, share the dashboard.

**Answer:** C

#### Explanation:

References: <https://docs.microsoft.com/en-us/power-bi/service-organizational-content-pack-introduction#what-is-appsource>

#### NEW QUESTION 371

- (Topic 4)

You have a Power BI workspace named Workspace1 that contains a dataset named DS1 and a report named RPT1.

A user wants to create a report by using the data in DS1 and publish the report to another workspace.

You need to provide the user with the appropriate access. The solution must minimize the number of access permissions granted to the user.

What should you do?

- A. Share RPT1 with the user.
- B. Add the user as a Viewer of Workspace1.
- C. Add the user as a member of Workspace1.
- D. Grant the Build permission for DS1 to the user.

**Answer:** D

**Explanation:**

Microsoft says: To copy a report to another workspace, and to create a report in another workspace based on a dataset in the current workspace, you need Build permission for the dataset. For datasets in the original workspace, if you have at least the Contributor role, you automatically have Build permission through your workspace role. <https://learn.microsoft.com/en-us/power-bi/collaborate-share/service-roles-new-workspaces>

**NEW QUESTION 375**

- (Topic 4)

You have a Microsoft SharePoint Online site that contains several document libraries.

One of the document libraries contains manufacturing reports saved as Microsoft Excel files. All the manufacturing reports have the same data structure.

You need to use Power BI Desktop to load only the manufacturing reports to a table for analysis.

What should you do?

- A. Get data from a SharePoint folder, enter the site URL and then select Combine & Load
- B. Get data from a SharePoint list and enter the site URL Select Combine & Transform, then filter by the folder path to the manufacturing reports library.
- C. Get data from a SharePoint list enter the site URL and then select Combine & Load
- D. Get data from a SharePoint folder and enter the site UR
- E. Select Transform, then filter by the folder path to the manufacturing reports library,

**Answer:** A

**NEW QUESTION 377**

- (Topic 4)

You build a report to help the sales team understand its performance and the drivers of sales. The team needs to have a single visualization to identify which factors affect success. Which type of visualization should you use?

- A. Key influencers
- B. Funnel chart
- C. Q&A
- D. Line and clustered column chart

**Answer:** A

**Explanation:**

The key influencers visual helps you understand the factors that drive a metric you're interested in. It analyzes your data, ranks the factors that matter, and displays them as key influencers.

The key influencers visual is a great choice if you want to:

? See which factors affect the metric being analyzed.

? Contrast the relative importance of these factors. For example, do short-term contracts have more impact on churn than long-term contracts?

Reference:

<https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-influencers>

**NEW QUESTION 379**

- (Topic 4)

You need to create a visualization that compares revenue and cost over time. Which type of visualization should you use?

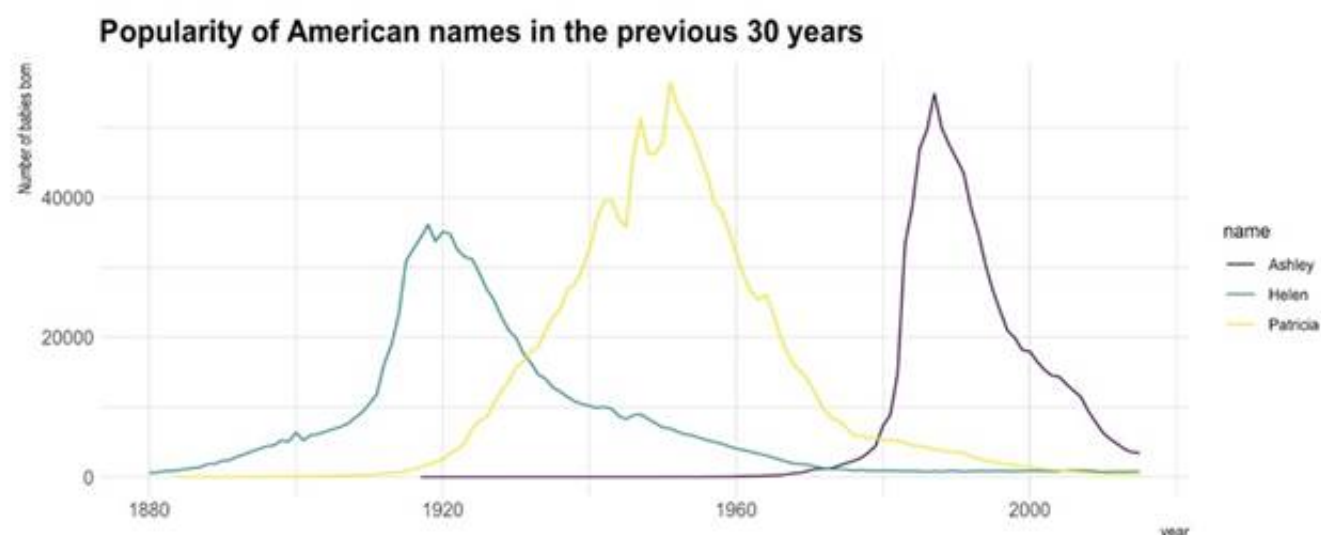
- A. stacked area chart
- B. donut chart
- C. line chart
- D. waterfall chart

**Answer:** C

**Explanation:**

A line chart or line graph displays the evolution of one or several numeric variables. Data points are connected by straight line segments. A line chart is often used to visualize a trend in data over intervals of time – a time series – thus the line is often drawn chronologically.

Example:



Reference:

<https://www.data-to-viz.com/graph/line.html>

#### NEW QUESTION 381

- (Topic 4)

You have a collection of reports for the HR department of your company.

You need to create a visualization for the HR department that shows a historic employee counts and predicts trends during the next six months.

Which type of visualization should you use?

- A. scatter chart
- B. ribbon chart
- C. line chart
- D. key influences

**Answer: C**

#### Explanation:

The best data for forecasting is time series data or uniformly increasing whole numbers. The line chart has to have only one line.

Try forecasting: Try the new forecasting capabilities of Power View today on your own data or with the sample report available as part of the Power BI report samples. To view your own data, upload a workbook with a Power View time series line chart to Power BI for Office 365.

Reference:

<https://powerbi.microsoft.com/en-us/blog/introducing-new-forecasting-capabilities-in-power-view-for-office-365>

#### NEW QUESTION 384

HOTSPOT - (Topic 4)

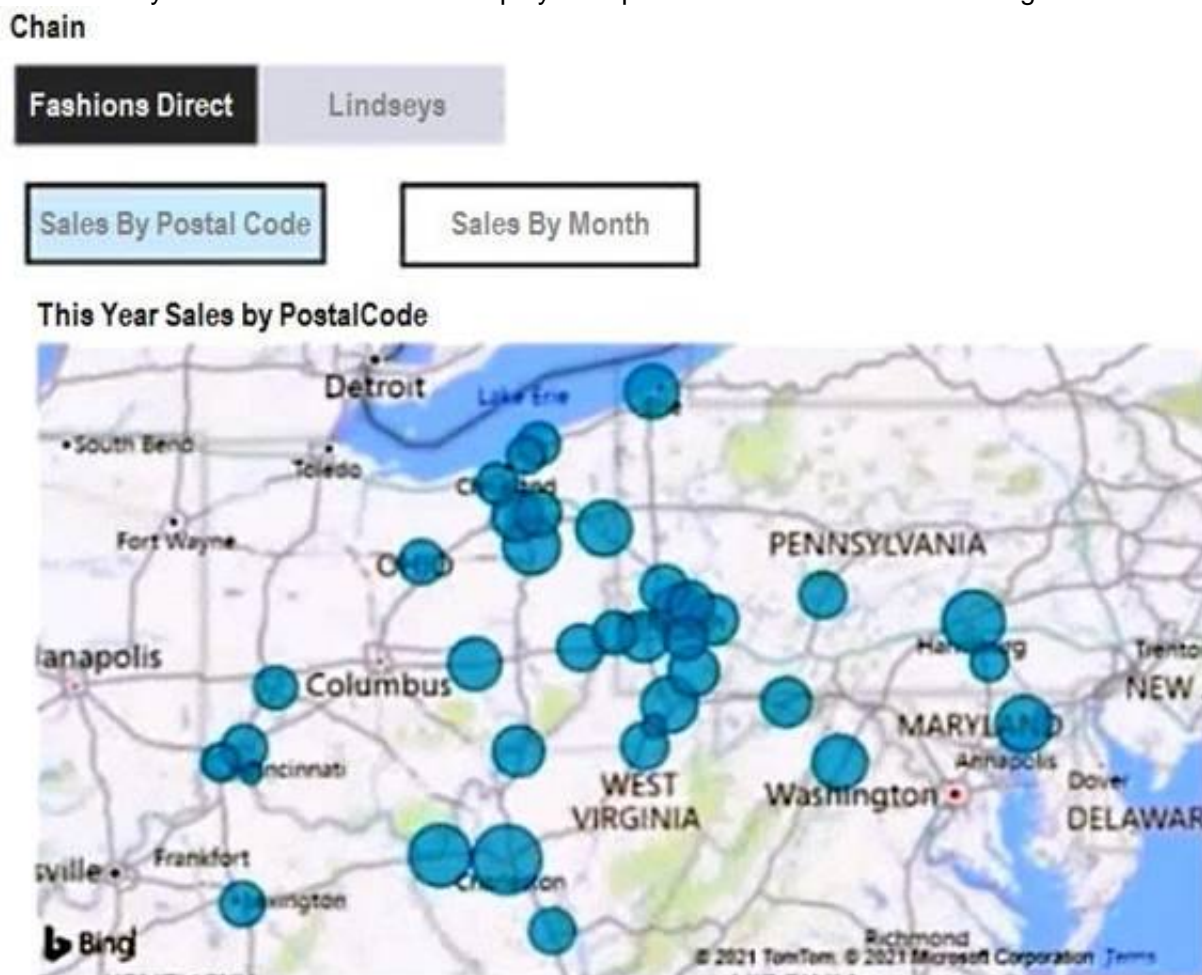
You need to create a Power BI report. The first page of the report must contain the following two views:

\*Sales By Postal Code

\*Sales by Month

Both views must display a slicer to select a value for a field named Chain.

The Sales By Postal Code view must display a map visual as shown in the following exhibit.



The Sales By Month view must display a column chart visual as shown in the following exhibit.





Users must be able to switch between the views by using buttons on the report page. The selected Chain field must be maintained when switching between views. What is the minimum number of bookmarks required, and which property should you apply to each bookmark? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Minimum number of bookmarks:

1

2

3

4

Property:

Data

Display

Current page

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: 2  
 Box 2: Display

NEW QUESTION 387

HOTSPOT - (Topic 4)

You are creating reports in Power BI Desktop. The model has the following tables.

Table name	Column name	Data type
Order	Order_date	Datetime
	Order_amount	Float
	Customer_ID	Integer
Customer	Customer_ID	Integer
	Full_name	Varchar(100)
	Customer_Photo	Binary

There is a relationship between the tables.  
 You plan to publish a report to the Power BI service that displays Order\_amount by Order\_date by Full\_name.

You need to ensure that only the columns required for the report appear in Report View. The solution must minimize the size of the dataset that is published. How should you configure the columns in Power BI Desktop? To answer, select the appropriate options in the answer area.  
NOTE: Each correct selection is worth one point.

Customer\_ID:

From Query Editor, select the column and click Remove Columns.

From Query Editor, select the column and click Remove Duplicates.

From Query Editor, select the column and click Remove Other Columns.

From the model, select the column and click Hide.

Customer\_Photo:

From Query Editor, select the column and click Remove.

From Query Editor, select the column and click Remove Duplicates.

From Query Editor, select the column and click Remove Other Columns.

From the model, select the column and click Hide.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Customer\_ID:

From Query Editor, select the column and click Remove Columns.

From Query Editor, select the column and click Remove Duplicates.

From Query Editor, select the column and click Remove Other Columns.

From the model, select the column and click Hide.

Customer\_Photo:

From Query Editor, select the column and click Remove.

From Query Editor, select the column and click Remove Duplicates.

From Query Editor, select the column and click Remove Other Columns.

From the model, select the column and click Hide.

NEW QUESTION 388

.....

## Thank You for Trying Our Product

### We offer two products:

1st - We have Practice Tests Software with Actual Exam Questions

2nd - Questions and Answers in PDF Format

### PL-300 Practice Exam Features:

- \* PL-300 Questions and Answers Updated Frequently
- \* PL-300 Practice Questions Verified by Expert Senior Certified Staff
- \* PL-300 Most Realistic Questions that Guarantee you a Pass on Your First Try
- \* PL-300 Practice Test Questions in Multiple Choice Formats and Updates for 1 Year

**100% Actual & Verified — Instant Download, Please Click**  
**[Order The PL-300 Practice Test Here](#)**