

## 70-778 Dumps

### Analyzing and Visualizing Data with Microsoft Power BI (beta)

<https://www.certleader.com/70-778-dumps.html>



### NEW QUESTION 1

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 user named User1. User1 is a member of a security group named Contoso PowerBI. User1 has access to a workspace named Contoso Workspace. You need to prevent User1 from exporting data from the visualizations in Contoso Workspace. Solution: From the Microsoft Office 365 Admin center, you modify the properties of Contoso PowerBI. Does this meet the goal?

- A. Yes
- B. No

**Answer:** A

#### Explanation:

References:

<https://docs.microsoft.com/en-us/power-bi/service-manage-app-workspace-in-power-bi-and-office-365>

### NEW QUESTION 2

You have a sales report in an app workspace. The report displays a map of sales by location and a bar chart of sales by year. The report has a slicer to filter the data by year.

You need to create a dashboard that contains visualizations. The solution must ensure that you can use the slicer to filter the data by year.

What should you do?

- A. Pin each visualization to the dashboard, and then add a web content tile.
- B. Add a page level filter, and then pin each visualization to the dashboard.
- C. Publish the app workspace.
- D. Pin the report as a live page.

**Answer:** D

#### Explanation:

References: <https://docs.microsoft.com/en-us/power-bi/service-dashboard-pin-live-tile-from-report>

### NEW QUESTION 3

Your company has several developers who plan to create custom solutions that will interact with the API for the Power BI service.

Which three operations can the developers achieve by using the API? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

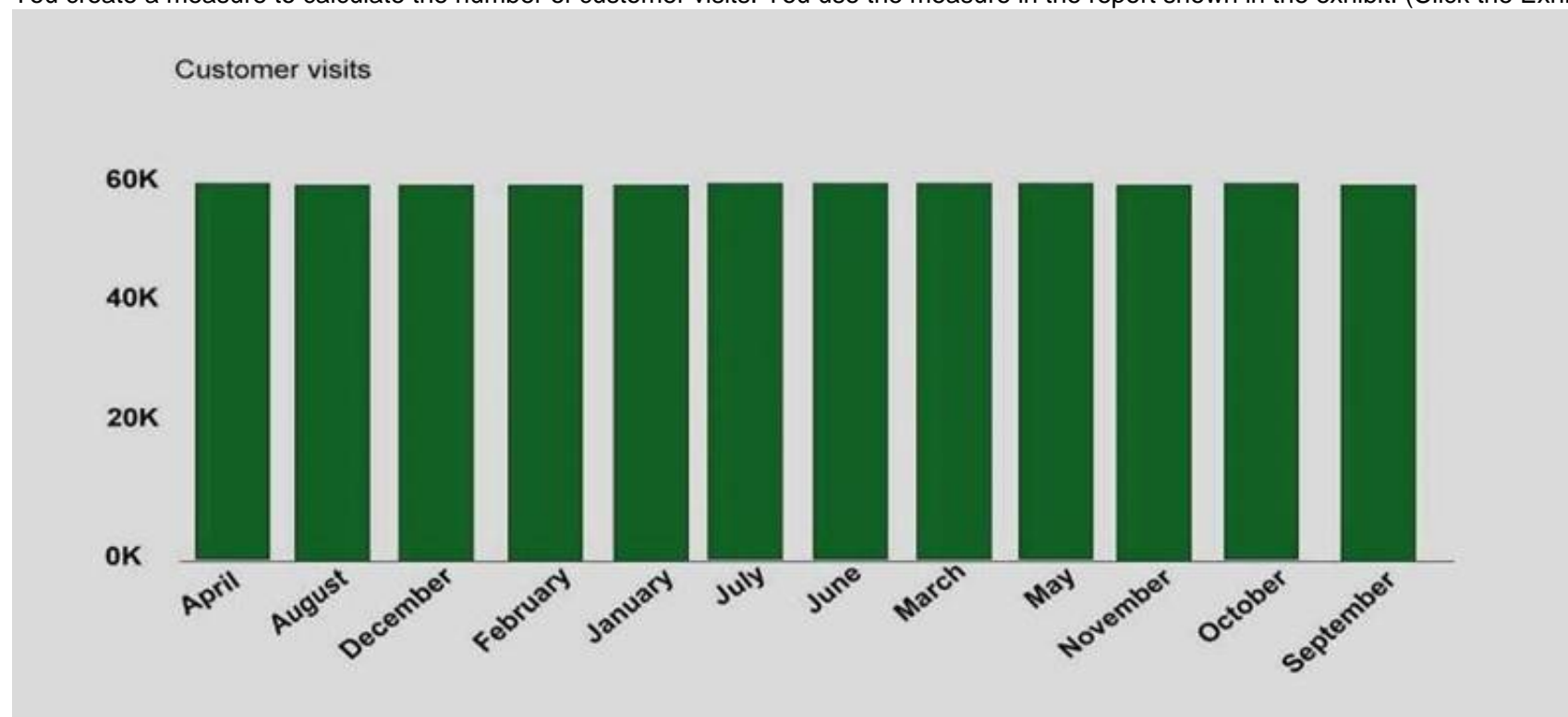
- A. Retrieve rows from a dataset
- B. Create a dataset
- C. Add rows to a dataset
- D. Refresh an imported dataset
- E. Add a member to a row-level security role

**Answer:** ABC

### NEW QUESTION 4

You have two tables named CustomerVisits and Date in a Power BI model.

You create a measure to calculate the number of customer visits. You use the measure in the report shown in the exhibit. (Click the Exhibit.)



You discover that the total number of customer visits was 60,000, and that there were only 5,000 customer visits in August.

You need to fix the report to display the correct data for each month. What should you do?

- A. Create a relationship between the CustomerVisits table and the Date table.
- B. Create a hierarchy in the Date table.
- C. Modify the measure to use the CALCULATE DAX function.

D. Modify the measure to use the SUM DAX function.

**Answer:** A

**Explanation:**

References:

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

#### NEW QUESTION 5

You create a report in the Power BI service.

You plan to provide external users with access to the report in the blog post will be updated as the data is refreshed.

What should you do in the Power BI service?

- A. Publish the app workspace to the entire organizatio
- B. In the blog post, use the URL of the workspace.
- C. Share the repor
- D. In the blog post, use the URL of the dashboard.
- E. Publish the report to the we
- F. In the blog post, use the embed code URL.
- G. In the blog post, use the URL of the report.

**Answer:** C

**Explanation:**

References: <https://docs.microsoft.com/en-us/power-bi/service-publish-to-web>

#### NEW QUESTION 6

You have an app workspace named Retail Analysis in the Power BI service. You need manage the members that have access to the app workspace. What should you do?

- A. From the Power BI Admin portal, click Usage metrics.
- B. From the Office 365 Admin center, click Users.
- C. From the Office 365 Admin center, click Groups.
- D. From the Power BI Admin portal, click Tenant settings.

**Answer:** C

**Explanation:**

References:

<https://docs.microsoft.com/en-us/power-bi/service-manage-app-workspace-in-power-bi-and-office-365>

#### NEW QUESTION 7

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.

Start of repeated scenario

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 StoreID column. This is the only relationship between the tables.

You plan to use Power BI Desktop to create an analytics solution for the data. End of repeated scenario.

You need to create a chart that displays a sum of Order[Order\_amount] by month for the Order\_ship\_date column and the Order\_date column.

How should you model the data?

- Add a second Date table named Ship\_date to the mode
- Create a many-to-many relationship from Date[Date\_ID] to Order [Order\_date] and a many-to-many relationship from Ship\_date[DateID] to Order[Order\_ship\_date].
- Add a second Date table named Ship\_date to the mode
- Create a one-to-many relationship from Date[Date\_ID] to Order [Order\_date] and a one-to-many relationship from Ship\_date[Date\_ID] to Order[Order\_ship\_date].
- Create a one-to-many relationship from Date[Date\_ID] to Order[Order\_date] and another relationship from Date[Date\_ID] to Monthly\_returns[Date\_ID].
- Create a one-to-many relationship from Date[Date\_ID] to Order[Order\_date] and another relationship from Date[Date\_ID] to Order[Order\_ship\_date].

**Answer: D**

#### NEW QUESTION 8

From the Home tab in Power BI Desktop, you click Enter Data and create a table named Sales that contains the following data.

| Region | Sales |
|--------|-------|
| Canada | 100   |
| Canada | 900   |
| Italy  | 500   |
| Spain  | 800   |
| US     | 200   |
| US     | 1000  |

You add Region and Sales to a visualization and the visualization displays the following data.

| Sales | Region |
|-------|--------|
| 1000  | Canada |
| 500   | Italy  |
| 800   | Spain  |
| 1200  | US     |

What causes the visualization to display four rows of data instead of six?

- the Data Category of Region
- the Default Summarization on Region
- the Default Summarization on Sales



D. the Data Category of Sales

**Answer:** B

#### NEW QUESTION 9

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 an app workspace that contains a report. The report contains sensitive data.

You need to ensure that you can embed the report into a custom application that will be accessed by external users. The external users will NOT have a Microsoft Azure Active Directory user account or Power BI licenses.

Solution: Configure the app workspace to be read-only for members and to run in a shared capacity. Does this meet the goal?

A. Yes

B. No

**Answer:** B

#### NEW QUESTION 10

You have a query that uses a Microsoft Excel data source. The data source contains the following table.

| GeoCode | CustomerCount | 2014        | 2015       | 2016        | 2017        |
|---------|---------------|-------------|------------|-------------|-------------|
| MA      | 2300          | 38885900    | 40830195   | 46954724.25 | 49302460.46 |
| SD      | 1200          | 3993773.76  | 4193461.65 | 3983788.56  | 4182977.99  |
| PA      | 340           | 89433932.54 | 93905628.6 | 98600910.03 | 103530955.5 |
| NC      | 890           | 2000243.76  | 2100255.15 | 2289278.15  | 2403742.01  |
| US      | 7777          | 6994777.75  | 7344515.85 | 9180644.81  | 9639677.05  |

You need the data to appear as shown in the following table.

| GeoCode | CustomerCount | Attribute | Value       |
|---------|---------------|-----------|-------------|
| MA      | 2300          | 2014      | 38885900    |
| MA      | 2300          | 2016      | 46954724.25 |
| MA      | 2300          | 2017      | 49302460.46 |
| SD      | 1200          | 2014      | 3993773.76  |
| SD      | 1200          | 2015      | 4193461.65  |
| SD      | 1200          | 2016      | 3983788.56  |
| SD      | 1200          | 2017      | 4182977.99  |
| PA      | 340           | 2014      | 89433932.54 |
| PA      | 340           | 2015      | 93905628.6  |
| PA      | 340           | 2016      | 98600910.03 |
| PA      | 340           | 2017      | 103530955.5 |
| NC      | 890           | 2014      | 2000243.76  |
| NC      | 890           | 2015      | 2100255.15  |
| NC      | 890           | 2016      | 2289278.15  |
| NC      | 890           | 2017      | 2403742.01  |
| US      | 7777          | 2014      | 6994777.75  |
| US      | 7777          | 2015      | 7344515.85  |
| US      | 7777          | 2016      | 9180644.81  |
| US      | 7777          | 2017      | 9639677.05  |

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

• • • • •

#### Answer Area

Columns to select:

GeoCode only  
GeoCode and CustomerCount  
2014, 2015, 2016, and 2017

Command to use:

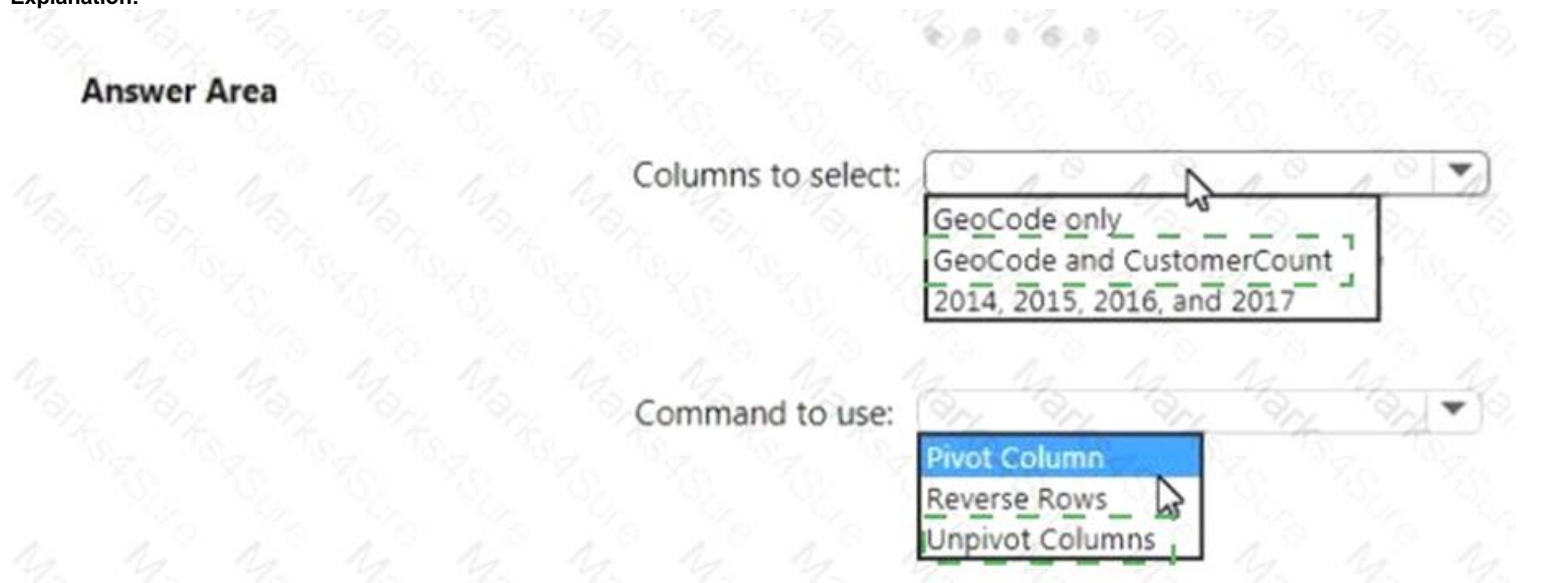
Pivot Column  
Reverse Rows  
Unpivot Columns

A. Mastered

B. Not Mastered

**Answer:** A

Explanation:



**NEW QUESTION 10**

You create an app workspace named Wingtip Sales. Wingtip Sales is configured as shown in the following exhibit.

## Create an app workspace

Name your workspace

Wingtip Sales

Workspace ID

wingtipsales

Available

Private - Only approved members can see what's inside

Members can edit Power BI content

Add workspace members

Enter email addresses

Add

|                         |        |  |  |
|-------------------------|--------|--|--|
| austin@wingtip toys.com | Admin  |  |  |
| maxwel@wingri toys.com  | Member |  |  |
| james@wingtip toys.com  | Member |  |  |

Advanced ^

Dedicated capacity ⓘ

Off

Save 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 selection is worth one point.

## Answer Area

The one task that Austin is permitted to perform, but the other members are not permitted to perform, is [answer choice].

▼

- add other users as members
- create a new dashboard
- pin a report visualization to a dashboard
- publish a PBIX file

To make the content in Wingtip Sales available to users who have the free Power BI license, you must first [answer choice].

▼

- add all the users as workspace members
- change the app workspace from Private to Public
- purchase Power BI Premium

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

## Answer Area

The one task that Austin is permitted to perform, but the other members are not permitted to perform, is [answer choice].

▼

- add other users as members
- create a new dashboard
- pin a report visualization to a dashboard
- publish a PBIX file

To make the content in Wingtip Sales available to users who have the free Power BI license, you must first [answer choice].

▼

- add all the users as workspace members
- change the app workspace from Private to Public
- purchase Power BI Premium

### NEW QUESTION 13

You have a query that retrieves data from a Microsoft Azure SQL database.

You discover that column named ErrorCode has several values starting with a space character, and a column named SubStatus contains several non-printable characters.

You need to remove all the leading whitespaces from ErrorCode and all the non-printable characters from SubStatus. All other data must be retained.

What should you do on each column? To answer, drag the appropriate tasks to the correct columns. 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.

NOTE: Each correct selection is worth one point.

### Answer Area

ErrorCode:

▼

- From the Extract menu, click First Characters.
- From the Extract menu, click Length.
- From the Extract menu, click Clean.
- From the Extract menu, click Trim.

SubStatus:

▼

- From the Extract menu, click First Characters.
- From the Extract menu, click Length.
- From the Extract menu, click Clean.
- From the Extract menu, click Trim.



- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

References:

<https://msdn.microsoft.com/en-us/library/mt260494.aspx> <https://msdn.microsoft.com/en-us/library/mt253328.aspx>

**NEW QUESTION 15**

You have the following tables.

| Table name | Column name  | Data Type    |
|------------|--------------|--------------|
| Subscriber | SubscriberID | Whole Number |
|            | StartDate    | Date         |
|            | EndDate      | Date         |
| Date       | Date         | Date         |
|            | Day          | Text         |
|            | Month        | Text         |
|            | Year         | Whole Number |

There is a many-to-one relationship from Subscriber to Date that uses Subscriber[StartDate] and Date[Date]. The Cross filter direction of the relationship is set to Single.

You plan to create a column chart that displays the following two measures:

Count of SubscriberID by Month based on the StartDate

Count of SubscriberID by Month based on the EndDate What should you do before you create the measures?

- A. Create an active one-to-one relationship from Subscriber[StartDate] to Date[Date].
- B. Change the Cross filter direction of the active relationship to Both.
- C. Change the active relationship for many-to-one.
- D. Create an inactive many-to-one relationship from Subscriber[StartDate] to Date[Date].

**Answer:** B

**Explanation:**

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

**NEW QUESTION 16**

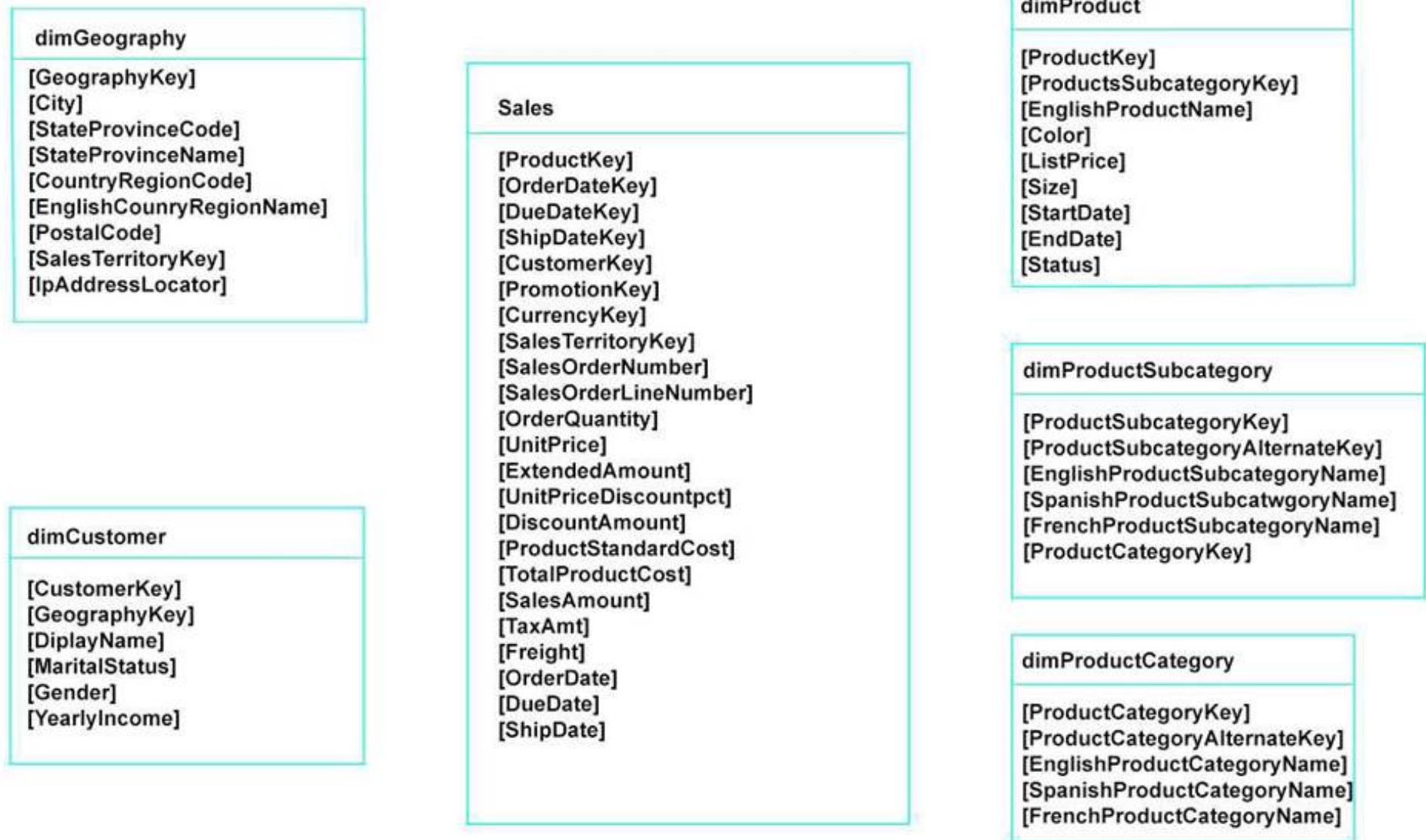
Note: This question is a part of a series of questions that present the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is exactly the same in each question in this series.

Start of repeated scenario

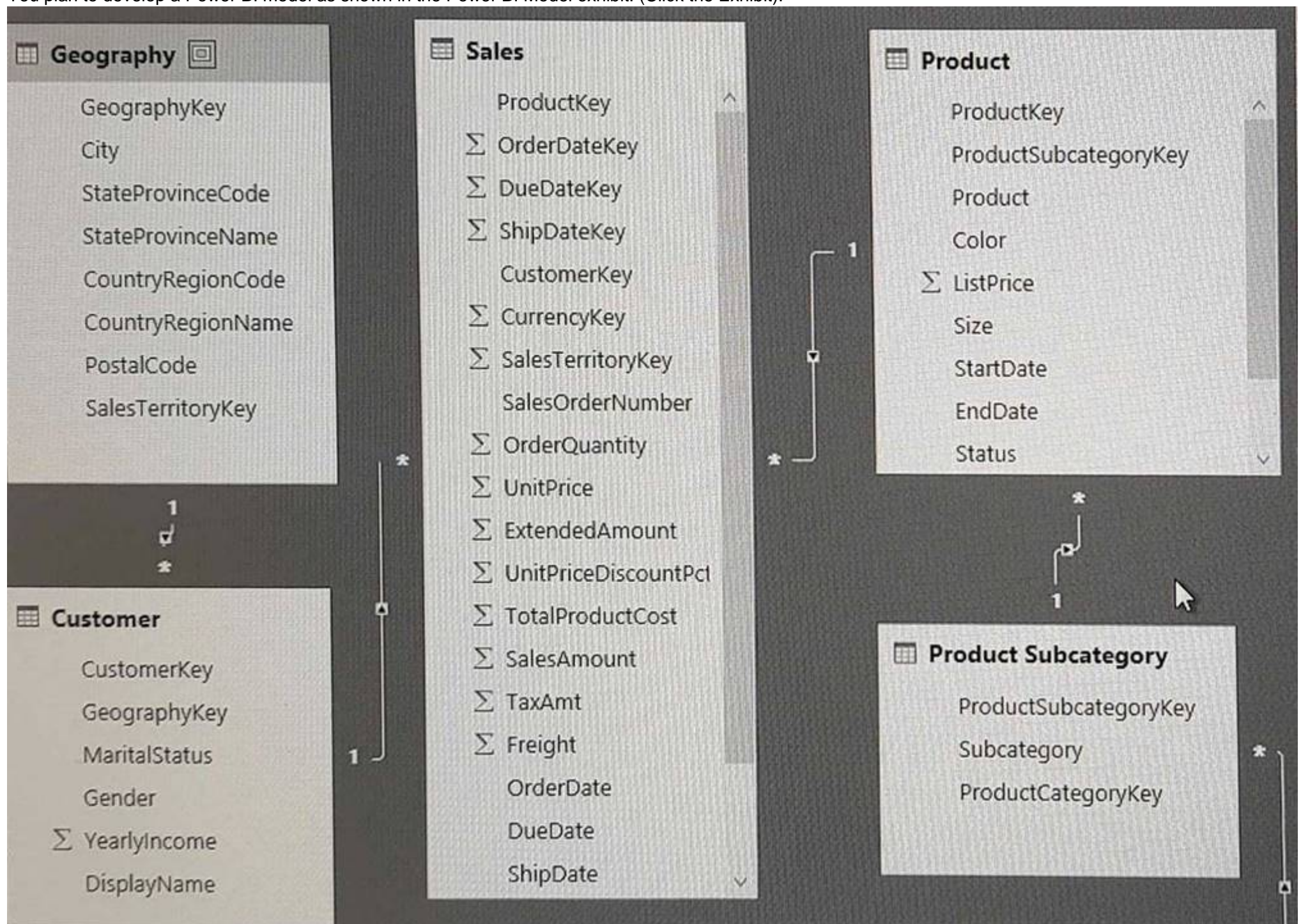
You have a Microsoft SQL Server database that has the tables shown in the Database Diagram exhibit. (Click the Exhibit.)



### Database Diagram



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 new column to the Product Subcategory table that uses the following formula.  
=if [Subcategory] =null then "NA" else [Subcategory] Which command should you use in Query Editor?



- A. Column From Examples
- B. Custom Column
- C. Invoke Custom Function
- D. Conditional Column

**Answer:** D

**Explanation:**

References:  
<http://community.powerbi.com/t5/Desktop/if-then-else/td-p/117999>

**NEW QUESTION 19**

You have a Microsoft SharePoint Online site named Sales.  
Your company has 1,000 sales users. All the sales users can access Sales.  
You create a report in an app workspace in the Power BI service. You embed the report into a page on the Sales site by using the Power BI web part.  
You need to ensure that all the sales can view the report from the Sales site. What should you do?

- A. Configure the app workspace for Premium capacity.
- B. Enable anonymous access for the Sales site.
- C. Configure the Portal Site Connection for the Sales site.
- D. Disable the Embed content in apps setting from the Tenant settings in Power BI.

**Answer:** A

**Explanation:**

References: <https://docs.microsoft.com/en-us/power-bi/service-embed-report-spo>

**NEW QUESTION 24**

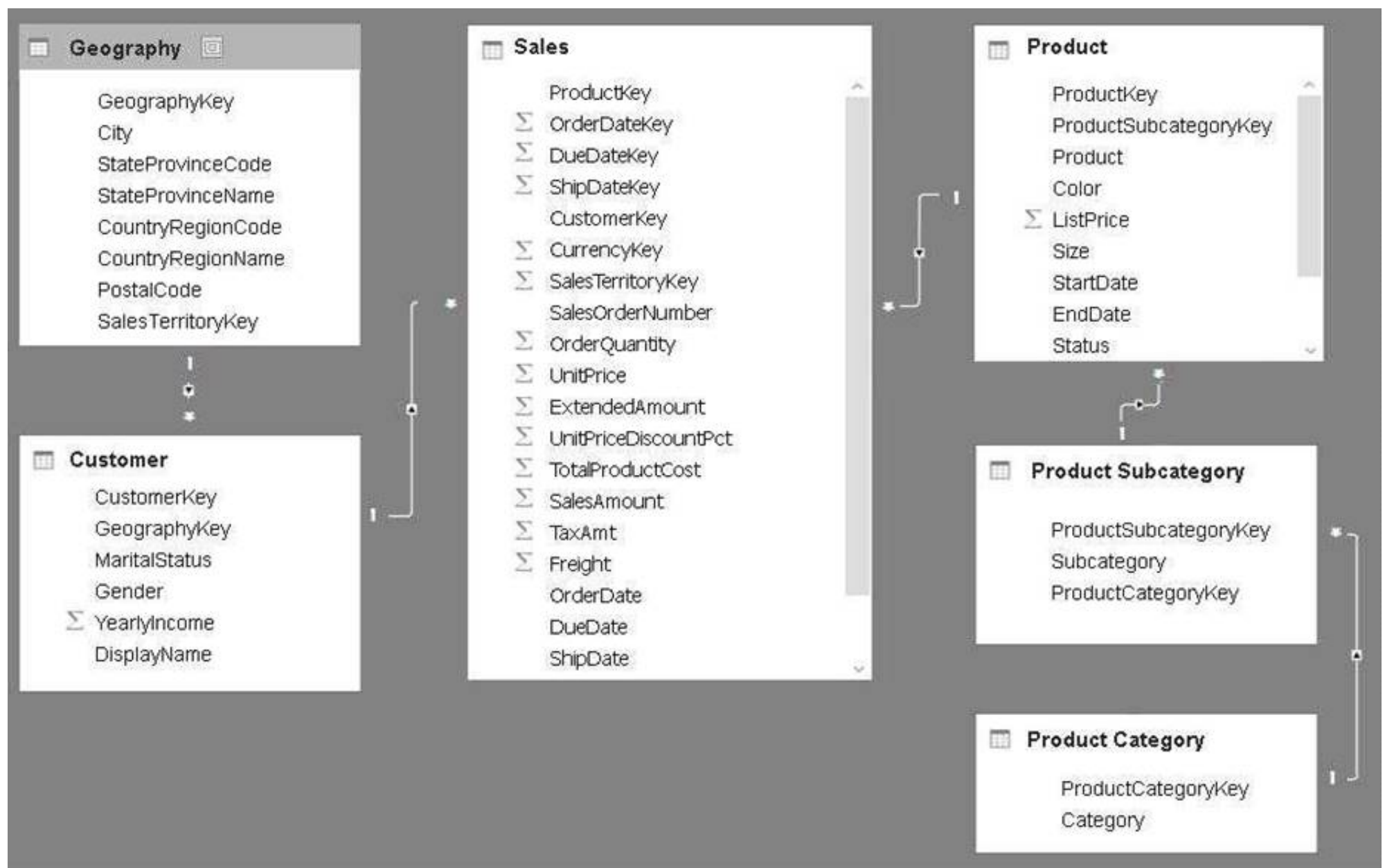
Note: This question is part of a series of questions that use the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is exactly the same in each question in this series.

Start of repeated scenario.

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

|   |   |  |
|---|---|--|
| <div>dimGeography</div> <div>[GeographyKey]<br/>[City]<br/>[StateProvinceCode]<br/>[StateProvinceName]<br/>[CountryRegionCode]<br/>[EnglishCountryRegionName]<br/>[PostalCode]<br/>[SalesTerritoryKey]<br/>[IpAddressLocator]</div> | <div>Sales</div> <div>[ProductKey]<br/>[OrderDateKey]<br/>[DueDateKey]<br/>[ShipDateKey]<br/>[CustomerKey]<br/>[PromotionKey]<br/>[CurrencyKey]<br/>[SalesTerritoryKey]<br/>[SalesOrderNumber]<br/>[SalesOrderLineNumber]<br/>[OrderQuantity]<br/>[UnitPrice]<br/>[ExtendedAmount]<br/>[UnitPriceDiscountPct]<br/>[DiscountAmount]<br/>ProductStandardCost<br/>[TotalProductCost]<br/>[SalesAmount]<br/>[TaxAmt]<br/>[Freight]<br/>[OrderDate]<br/>[DueDate]<br/>[ShipDate]</div> | <div>dimProduct</div> <div>[ProductKey]<br/>[ProductSubcategoryKey]<br/>[EnglishProductName]<br/>[Color]<br/>[ListPrice]<br/>[Size]<br/>[StartDate]<br/>[EndDate]<br/>[Status]</div>   |
| <div>dimCustomer</div> <div>[CustomerKey]<br/>[GeographyKey]<br/>[DisplayName]<br/>[MaritalStatus]<br/>[Gender]<br/>[YearlyIncome]</div>  |   | <div>dimProductSubcategory</div> <div>[ProductSubcategoryKey]<br/>[ProductSubcategoryAlternateKey]<br/>[EnglishProductSubcategoryName]<br/>[SpanishProductSubcategoryName]<br/>[FrenchProductSubcategoryName]<br/>[ProductCategoryKey]</div> |
|   |   | <div>dimProductCategory</div> <div>[ProductCategoryKey]<br/>[ProductCategoryAlternateKey]<br/>[EnglishProductCategoryName]<br/>[SpanishProductCategoryName]<br/>[FrenchProductCategoryName]</div>  |

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



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 plan to add a table named Date to the model. The table will have columns for the date, year, month, and end of the last month, and will include data from January 1, 2013 to December 31, 2015.

The Date table and the Sales table will have a relationship. Which DAX functions should you use to create the columns?

- A. CALENDARAUTO, YEAR, MONTH, and EOMONTH
- B. CALENDAR, YEAR, MONTH, and ENDOFMONTH
- C. CALENDARAUTO, YEAR, MONTH, and ENDOFMONTH
- D. CALENDAR, YEAR, MONTH, and EOMONTH

**Answer:** D

**Explanation:**

References:

<https://msdn.microsoft.com/en-us/query-bi/dax/calendar-function-dax> <https://msdn.microsoft.com/en-us/query-bi/dax/year-function-dax>

<https://msdn.microsoft.com/en-us/query-bi/dax/month-function-dax> <https://msdn.microsoft.com/en-us/query-bi/dax/eomonth-function-dax>

#### NEW QUESTION 27

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

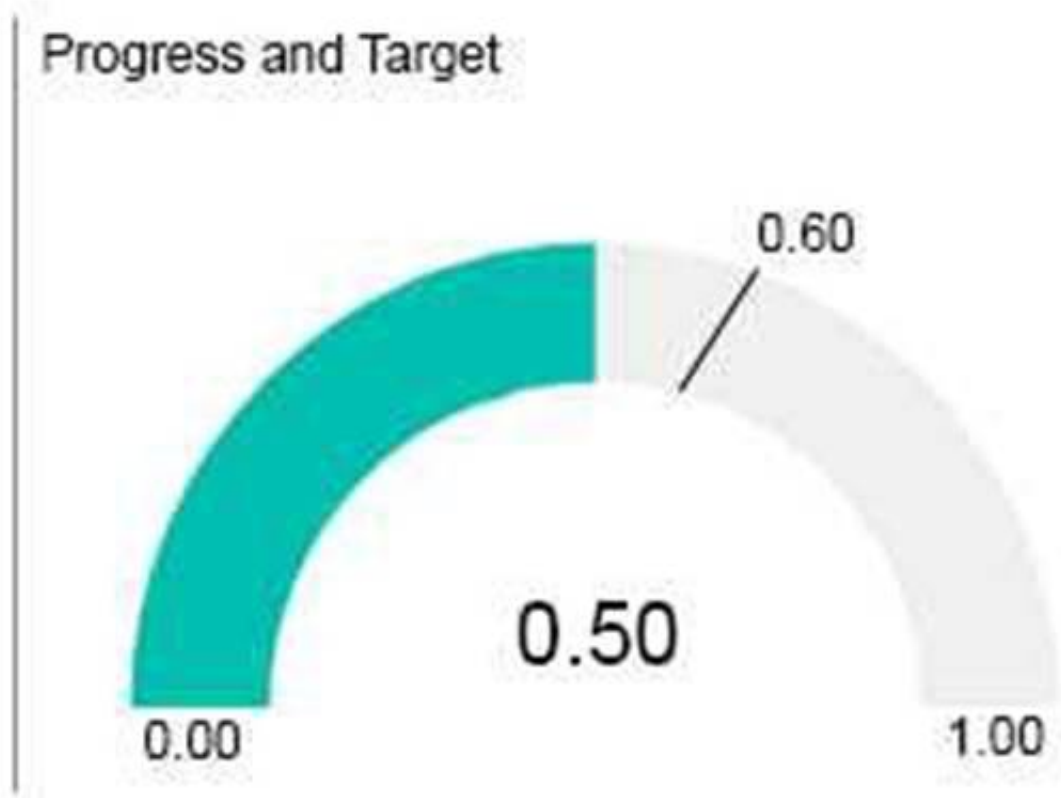
**Explanation:**

References:

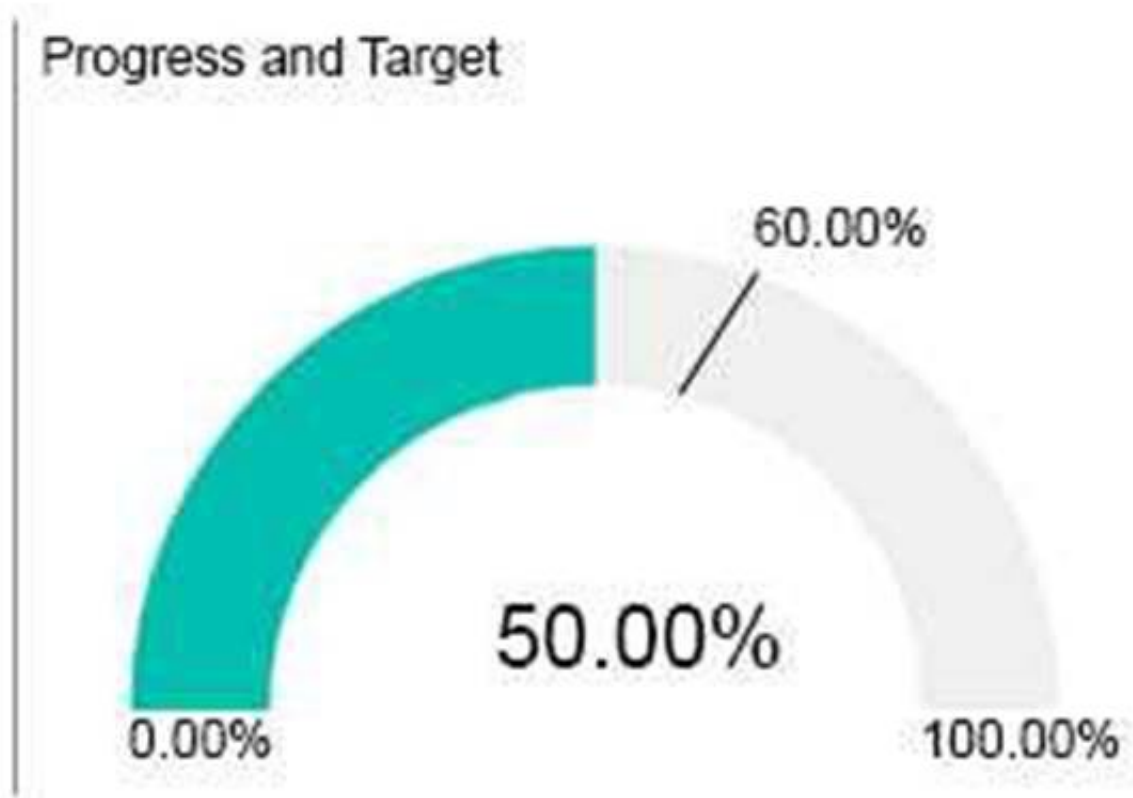
<https://docs.microsoft.com/en-us/power-bi/service-q-and-a-direct-query#limitations-during-public-preview>

**NEW QUESTION 32**

You have the visualization shown in the following exhibit.



You need to display the values as shown in the following exhibit.



What should you do?

- A. Create a calculated column that adds the % symbol to the values.
- B. From the Modeling tab, change the Data Type to Percentage.
- C. Edit the query of the data source and change the Data Type to Percentage.
- D. Create a measure that adds the % symbol to the values,

**Answer:** D

**NEW QUESTION 36**

You have an app workspace named Retail Store Analysis in the Power BI service.

You need to manage the members that have access to the app workspace using the least amount of administrative effort.

What should you do?

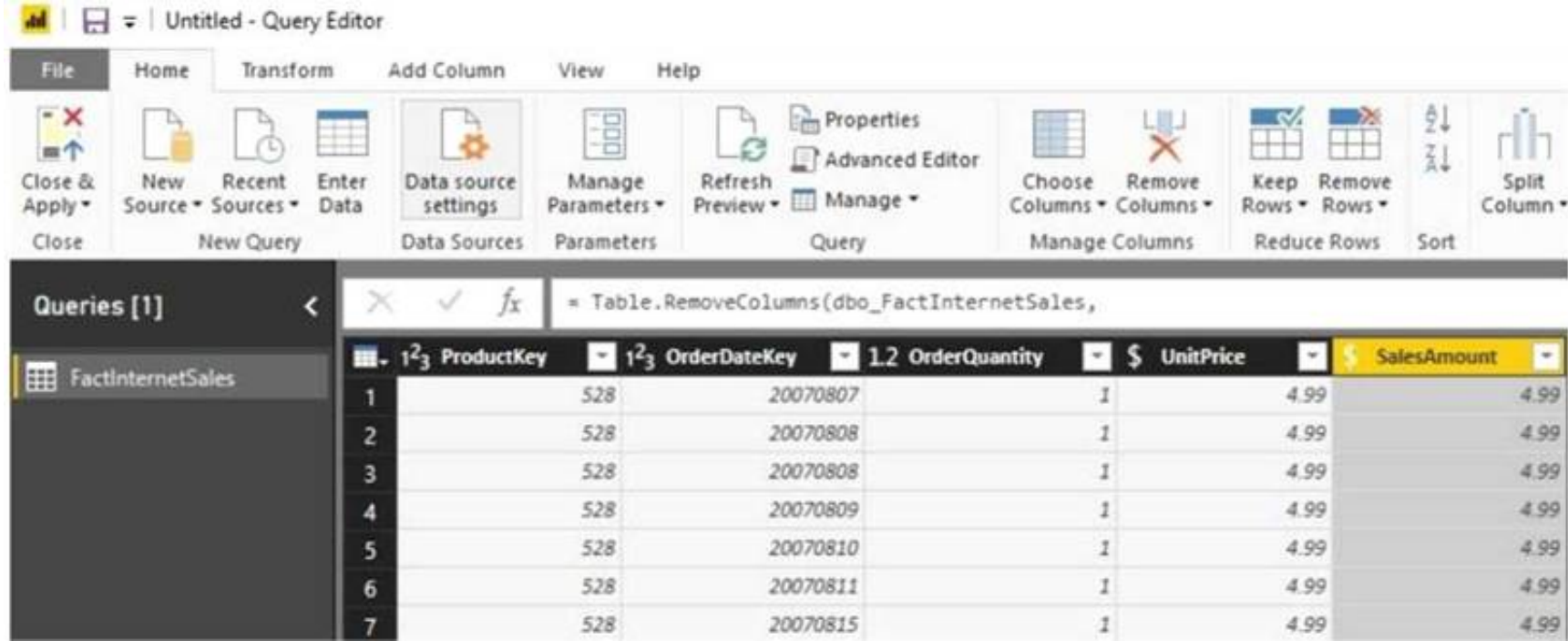
- A. From the Power BI Admin portal, click Usage metrics .
- B. From the Office 365 Admin center, click Groups.
- C. From the Office 365 Admin center, click Users.
- D. From the Power BI Admin portal, click Tenant settings.



Answer: A

**NEW QUESTION 39**

You have a query named FactInternetSales used by several Power BI reports. The query is shown in the exhibit. (Click the Exhibit button.)



You plan to create a bar chart showing the count of sales by year that have a SalesAmount greater than \$1,000. You need to create a measure that will be used in the bar chart.

How should you complete the DAX formula? 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

CALCULATE

COUNT

COUNTA

COUNTROWS

COUNTX

FILTER

ANSWER AREA

LargeSales =

Value

(

Value

('FactInternetSales', 'FactInternetSales'[SalesAmount]>1000))

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

VALUES

CALCULATE

COUNT

COUNTA

COUNTROWS

COUNTX

FILTER

ANSWER AREA

LargeSales =

COUNTX

(

FILTER

('FactInternetSales', 'FactInternetSales'[SalesAmount]>1000))

**NEW QUESTION 41**

You have a Power BI model that contains the following tables:

Sales (Sales\_ID, DateID, sales\_amount)

Date (DateID, Date, Month, week, Year)

The tables have a relationship. Date is marked as a date table in the Power BI model. You need to create a measure to calculate the sales for the last 12 months. Which DAX formula should you use?

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

Answer: C

**Explanation:**

References:

<https://msdn.microsoft.com/en-us/library/ee634825.aspx> <https://docs.microsoft.com/en-us/power-bi/desktop-quickstart-learn-dax-basics>

<https://msdn.microsoft.com/en-us/library/ee634972.aspx>

#### NEW QUESTION 43

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 contains the following tables.

| Table name      | Column name     | Data type    |
|-----------------|-----------------|--------------|
| Order           | Order_ID        | Integer      |
|                 | Order_date      | Datetime     |
|                 | Order_amount    | Currency     |
|                 | Customer_ID     | Integer      |
|                 | Order_ship_date | Datetime     |
|                 | Store_ID        | Varchar(100) |
| 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 data 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 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. End of repeated scenario.

You need to display the month as a three-letter abbreviation, followed by the year, such as jan2017. You add a calculated column in Power BI.

Which DAX formula should you use for the calculated column? 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                                   |
|--------------|---|
| Combin       | Column= (FORMAT (MONTH ([Date_name])          |
| CombinA      | , “ ”), FORMAT(MONTH ([Date_name]), “yyyy” )) |
| CONCATENATE  |   |
| CONCATENATEX |   |
| M            |   |
| MM           |   |
| MMM          |   |
| MMMM         |   |

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

CONCATENATE MMM

References: <https://msdn.microsoft.com/en-us/library/ee634811.aspx>

**NEW QUESTION 48**

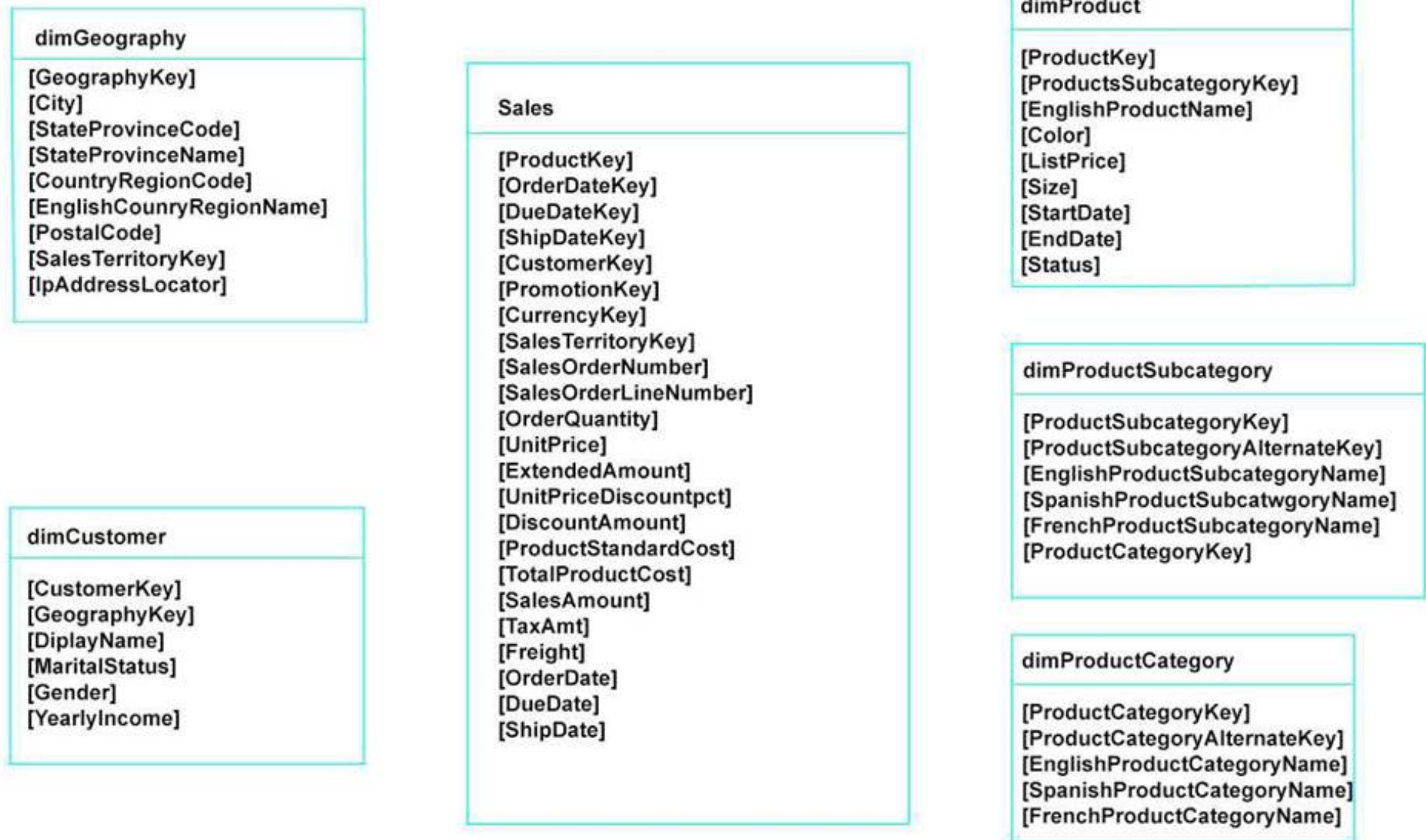
Note: This question is a part of a series of questions that present the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is exactly the same in each question in this series.

Start of repeated scenario

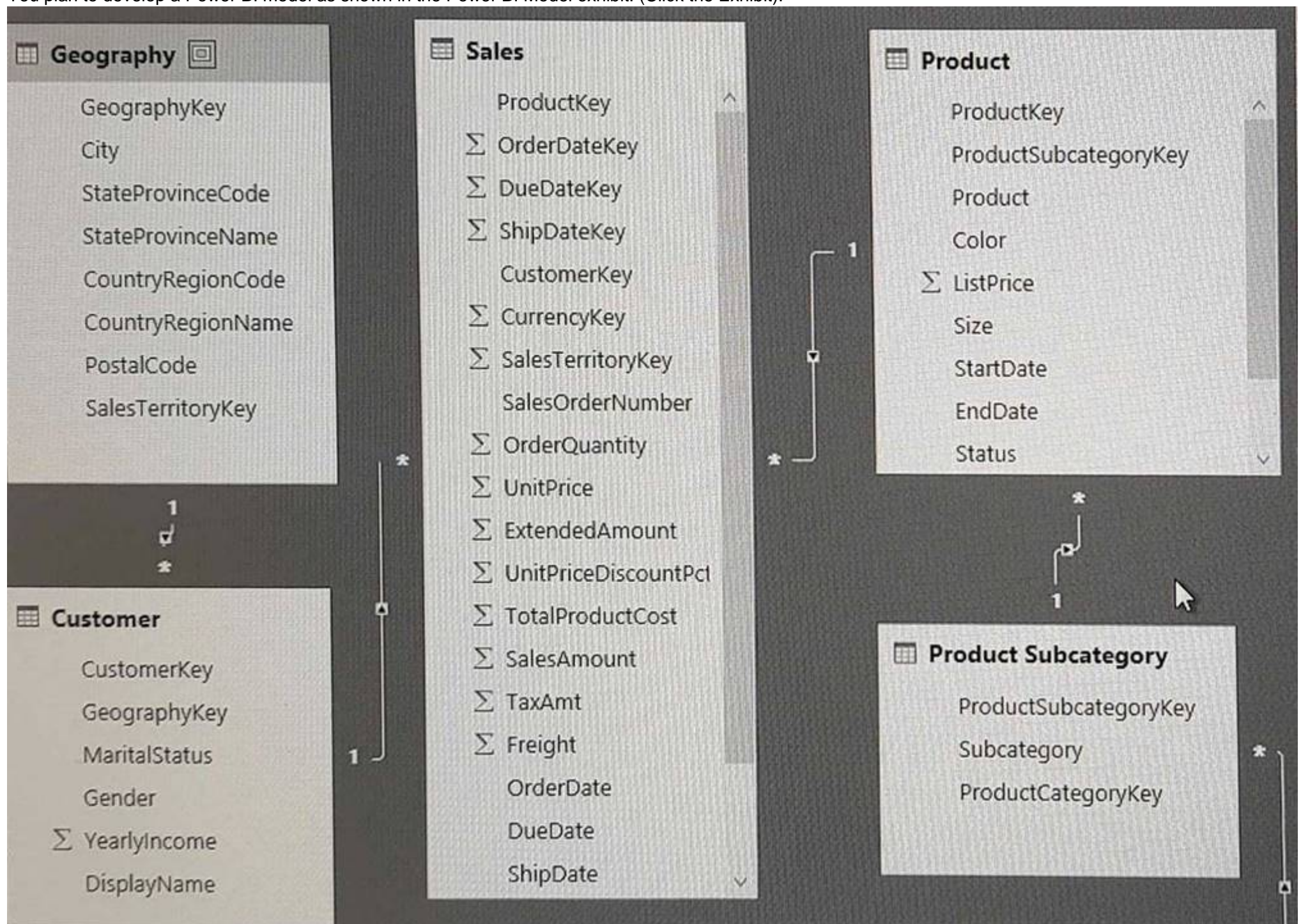
You have a Microsoft SQL Server database that has the tables shown in the Database Diagram exhibit. (Click the Exhibit.)



### Database Diagram



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 | 13,0000     |
| 1    | Product2 | 13,0000     |
| 2    | Product1 | 12,0000     |
| 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 53

You have a column named phone\_number. The values in the columns are in one of the following formats:

999-999-9999x123

1-999-999-9999x232

+1-999-999-9999x66x666

The values after x in the phone-number column indicate the phone extension.

You need to create a custom column in Query Editor that contains only the phone extensions.

How should you complete the query? 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.

#### Answer Area

AfterDelimiter

PositionOf

PositionOfAny

Range

RelativePosition

Removerange

TrimEnd

Text.  ([phone\_number], "x",  
{0,  .FromEnd})

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

References: <https://msdn.microsoft.com/en-us/library/mt798301.aspx>

### NEW QUESTION 56

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 user named User1. User1 is a member of a security group named Contoso PowerBI. User1 has access to a workspace named Contoso Workspace.

You need to prevent User1 from exporting data from the visualizations in Contoso Workspace.

Solution: From the Microsoft Office 365 Admin center, you remove User1 from the All Users security group. Does this meet the goal?

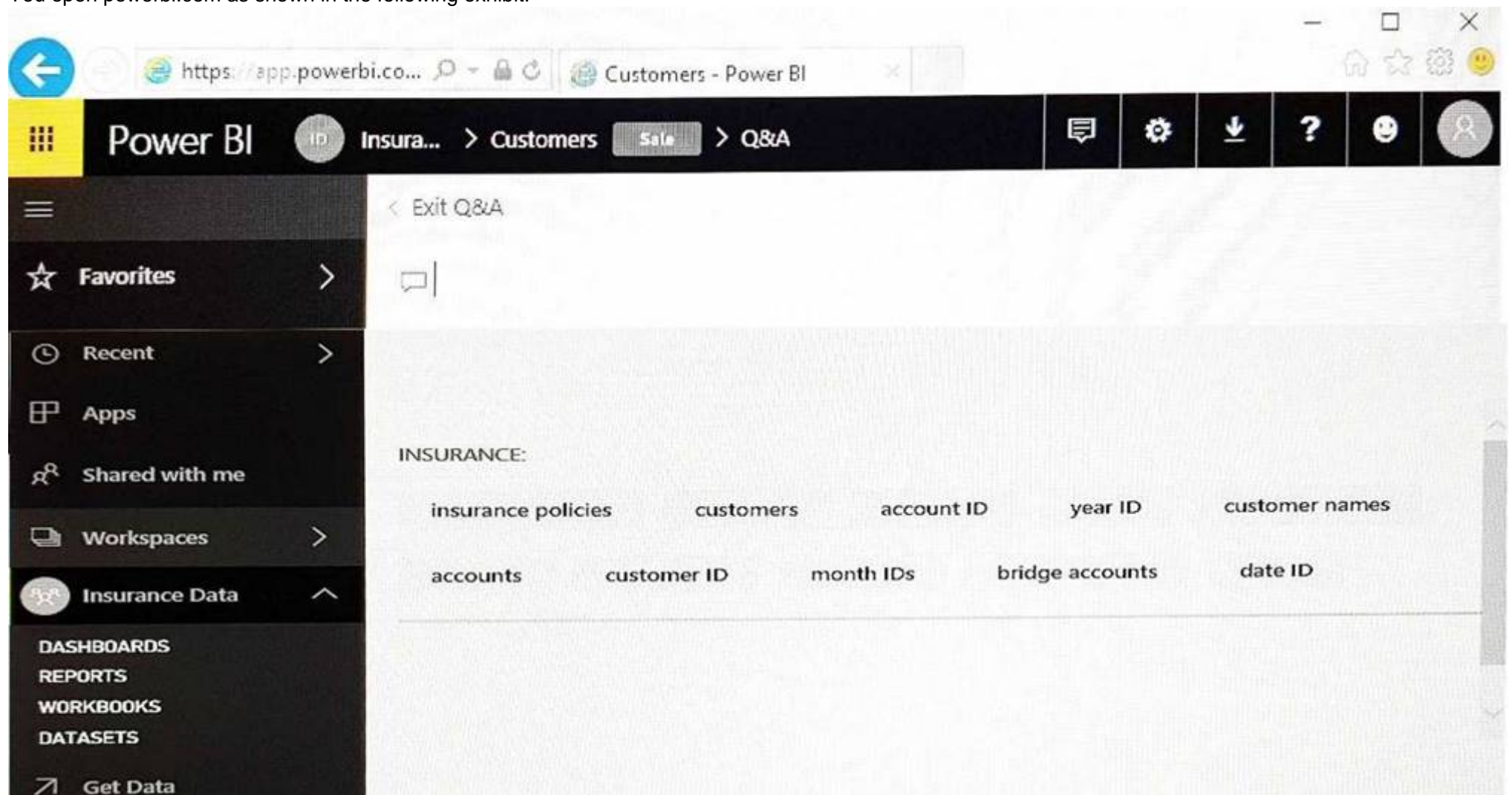
- A. Yes

B. No

Answer: B

#### NEW QUESTION 58

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 61

You embed a Power BI report in a Microsoft SharePoint Online page.

A user name User1 can access the SharePoint Online page, but the Power BI web part displays the following error message: "This content isn't available".

User1 is unable to view the report.

You verify that you can access the SharePoint Online page and that the Power BI report displays as expected. You need to ensure that User1 can view the report form SharePoint Online.

What should you do?

- A. Publish the app workspace.
- B. Edit the settings of the Power BI web part.
- C. Modify the members of the app workplace.
- D. Share the dashboards in the app workspace.

Answer: C

Explanation:

References: <https://docs.microsoft.com/en-us/power-bi/service-embed-report-spo>

NEW QUESTION 66

You have a Power BI model that contains a table named Sales. Sales contains columns named SalesAmount, OrderDate, SalesPerson, and OrderID. You need to create a measure to calculate the last 12 months of sales. You must start from the last date a sale was made and ignore any filters set on the report. How should you complete the DAX formula? 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                            |
|--------------|--|
| ALLEXCEPT    | Last12monthSales=                      |
| DATEDIFF     | Var varlast12m=                        |
| LASTNONBLANK | CALCULATE ( (                          |
| DATEADD      | (Sales[OrderDate]                      |
| LASTDATE     | ,SUM(Sales[SalesAmount]))              |
|              | , -12                                  |
|              | ,MONTH)                                |
|              | , ALL(Sales))                          |
|              | ReturnIF(Max(Date[Date]) >=varlast12m, |
|              | SUM(Sales[SalesAmount]))               |

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

References: <https://msdn.microsoft.com/en-us/library/ee634380.aspx> <https://msdn.microsoft.com/en-us/library/ee634795.aspx>

NEW QUESTION 71

You have a Power BI model that has the following tables:  
Sales (Order\_id, Order\_Date, Product\_id, Salesperson\_id, Sales\_Amount)  
Salesperson (Salesperson\_id, Salesperson\_name, address)  
Product (Product\_id, Product\_Name)

You need to create the following relationships:

- Sales to Product
- Sales to Sales person

You need to ensure that you can create a report that displays the count of products sold by each salesperson. How should you configure the relationships? To answer, drag the appropriate options in the answer area. NOTE: Each correct selection is worth one point.



## Answer Area

**Cardinality:**

Many to One(\*:1)  
One to Many (1:\*)  
One to One (1:1)

**Cross filter direction:**

Both  
Single

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

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

### NEW QUESTION 73

In the Power BI service, you create an app workspace 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 74

You need to create a custom visualization for Power BI. What should you install first?

- A. jQuery
- B. Node.js
- C. Microsoft Azure PowerShell
- D. Microsoft.NET

**Answer:** B

**Explanation:**

References:

<https://docs.microsoft.com/en-us/power-bi/service-custom-visuals-getting-started-with-developer-tools>

### NEW QUESTION 77

You have a Power BI model that has a date table. A sample of the data shown in the following table.

| Date       | Day | Week | Month | Year |
|------------|-----|------|-------|------|
| 2014-12-01 | 1   | 27   | 12    | 2014 |
| 2014-12-02 | 2   | 27   | 12    | 2014 |
| 2014-12-03 | 3   | 27   | 12    | 2014 |
| 2014-12-04 | 4   | 27   | 12    | 2014 |

You need to add a column to display the date in the format of December 01, 2014. Which DAX formula should you use in Power BI Desktop?

- A. `FORMAT([Date], "MMM") & " " & FORMAT([Date], "DO") & ", " & FORMAT([Date], "YYYY")`
- B. `FORMAT([Date], "MM") & " " & FORMAT([Date], "DO") & ", " & FORMAT([Date], "YYYY")`
- C. `[Date].[Month] & " " & FORMAT([Date], "D") & ", " & [Date].[Year]`
- D. `FORMAT([Date], "MMMM DO, YYYY")`

**Answer:** D



NEW QUESTION 81

You have the following two tables:

- Subscriber (SubscriberID, EnrollmentDate, ServicePlan)
- Date (Date, Month, Week, Year)

There is a relationship between Subscriber [EnrollmentDate] and Date[Date].

You plan to create a KPI for the number of subscribers enrolled in the current year.

You need to create a goal that is five percent more than the number of subscribers enrolled during the previous calendar year.

How should you complete the DAX formula? 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

CALCULATE

COUNT

DATESYTD

PARALLELPERIOD

PREVIOUSYEAR

SUMX

TOTALYTD

Answer Area

goal= ( ('Subscriber' [SubscriberID]), ('Date'[Date]))\*1.05

- A. Mastered  
B. Not Mastered

Answer: A

Explanation:

CALCULATE  
COUNT PREVIOUSYEAR

References:

[https://msdn.microsoft.com/en-us/library/hh272049\(v=sql.110\).aspx](https://msdn.microsoft.com/en-us/library/hh272049(v=sql.110).aspx) <https://msdn.microsoft.com/en-us/library/ee634770.aspx>

NEW QUESTION 84

Note: This question is a 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 model that contains two tables named Sales and Date. Sales contains four columns named TotalCost, DueDate, ShipDate, and OrderDate.

Date contains two columns named Date and Time.

The tables have the following relationships:

Sales [DueDate] and Date [Date]

Sales [ShipDate] and Date [Date]

Sales [OrderDate] and Date [Date]

The active relationship is on Sales [DueDate].

You need to create measures to count the number of orders by [ShipDate] and orders by [OrderDate]. You must meet the goal without loading any additional data.

Solution: You create measures that use the CALCULATE, COUNT, and FILTER DAX functions. Does this meet the goal?

- A. Yes  
B. No

Answer: A

Explanation:

References:

<https://msdn.microsoft.com/en-us/library/ee634966.aspx> <https://msdn.microsoft.com/en-us/library/ee634825.aspx> <https://msdn.microsoft.com/en-us/library/ee634791.aspx>

#### NEW QUESTION 87

Your organization has a team of power users who recently created 20 Power BI dashboards. The power users share the dashboards with other users in the organization.

When the users attempt to access the dashboards, they receive the error message shown in the exhibit. (Click the Exhibit.)



You need to ensure that all the users can access the dashboards. What should you do first?

- A. From the Microsoft Office 365 Admin center, and the Power BI (free) subscription, and then assign a license to each user.
- B. From the Power BI Admin portal, modify the Privacy Settings.
- C. From the properties of each dashboard, modify the Share dashboard settings.
- D. Instruct each user to install Microsoft Office 2016.

**Answer:** A

#### Explanation:

References:

<http://www.nubo.eu/en/blog/2016/12/Enable-PowerBI-On-Office-365/>

#### NEW QUESTION 91

From Power BI Desktop, you create a query that imports the following table.

| City            |
|-----------------|
| UK-London       |
| France-Paris    |
| Spain-Madrid    |
| Canada-Montreal |

You need to configure the table to appear as shown in the following table.

| City     |
|----------|
| London   |
| Paris    |
| Madrid   |
| Montreal |

What should you do?

- A. From the Extract menu, click Last Characters.

- B. From the Extract menu, click Text After Delimiter.
- C. From the Format menu, click Trim.
- D. From the Split Column menu, click BY Delimiter.

**Answer: B**

**Explanation:**

References: <https://msdn.microsoft.com/en-us/library/mt798301.aspx>

**NEW QUESTION 92**

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 model that contains two tables named Sales and Date. Sales contains four columns named TotalCost, DueDate, ShipDate, and OrderDate. Date contains one column named Date.

The tables have the following relationships: The active relationship is on Sales[DueDate].

You need to create measures to count the number of orders by [ShipDate] and the orders by [OrderDate]. You must meet the goal without duplicating data or loading additional data.

Solution: You create measures that use the CALCULATE, COUNT, and FILTER DAX functions. Does this meet the goal?

- A. Yes
- B. No

**Answer: A**

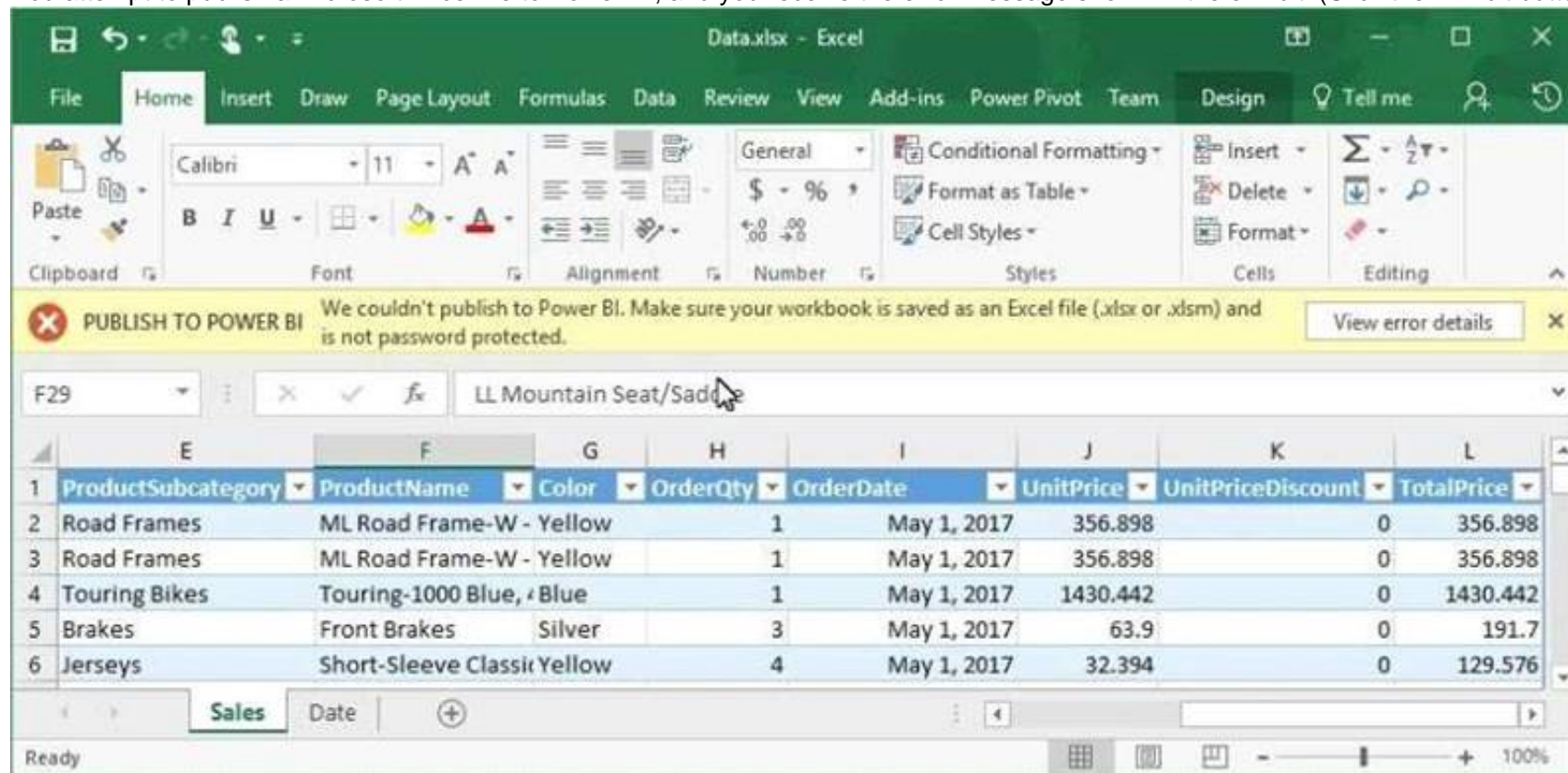
**Explanation:**

References:

<https://msdn.microsoft.com/en-us/library/ee634966.aspx> <https://msdn.microsoft.com/en-us/library/ee634825.aspx> <https://msdn.microsoft.com/en-us/library/ee634791.aspx>

**NEW QUESTION 94**

You attempt to publish a Microsoft Excel file to Power BI, and you receive the error message shown in the exhibit. (Click the Exhibit button.)



The file is in c:\data\.

You need to ensure that you can publish the file to Power BI. What should you do first?

- A. Save the file in a Microsoft SharePoint document library.
- B. Decrypt the workbook.
- C. Add a digital signature to the workbook.
- D. Set the file attributes to read-only.

**Answer: B**

**NEW QUESTION 96**

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 exactly the same in each question in this series.

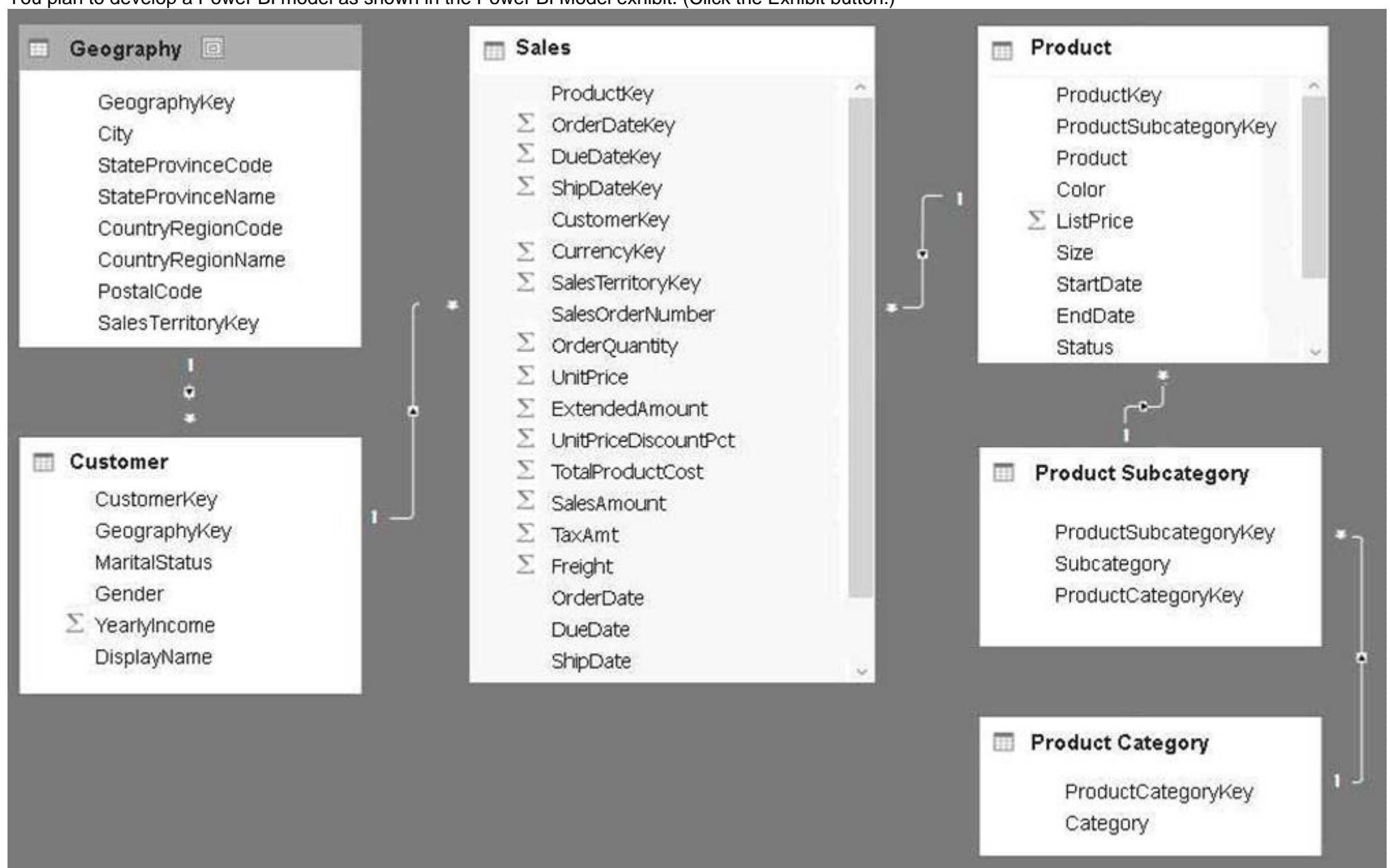
Start of repeated scenario.

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



|   |   |   |
|---|---|---|
| <b>dimGeography</b><br>[GeographyKey]<br>[City]<br>[StateProvinceCode]<br>[StateProvinceName]<br>[CountryRegionCode]<br>[EnglishCountryRegionName]<br>[PostalCode]<br>[SalesTerritoryKey]<br>[IpAddressLocator] | <b>Sales</b><br>[ProductKey]<br>[OrderDateKey]<br>[DueDateKey]<br>[ShipDateKey]<br>[CustomerKey]<br>[PromotionKey]<br>[CurrencyKey]<br>[SalesTerritoryKey]<br>[SalesOrderNumber]<br>[SalesOrderLineNumber]<br>[OrderQuantity]<br>[UnitPrice]<br>[ExtendedAmount]<br>[UnitPriceDiscountPct]<br>[DiscountAmount]<br>ProductStandardCost<br>[TotalProductCost]<br>[SalesAmount]<br>[TaxAmt]<br>[Freight]<br>[OrderDate]<br>[DueDate]<br>[ShipDate] | <b>dimProduct</b><br>[ProductKey]<br>[ProductSubcategoryKey]<br>[EnglishProductName]<br>[Color]<br>[ListPrice]<br>[Size]<br>[StartDate]<br>[EndDate]<br>[Status]  |
| <b>dimCustomer</b><br>[CustomerKey]<br>[GeographyKey]<br>[DisplayName]<br>[MaritalStatus]<br>[Gender]<br>[YearlyIncome]   |   | <b>dimProductSubcategory</b><br>[ProductSubcategoryKey]<br>[ProductSubcategoryAlternateKey]<br>[EnglishProductSubcategoryName]<br>[SpanishProductSubcategoryName]<br>[FrenchProductSubcategoryName]<br>[ProductCategoryKey] |
|   |   | <b>dimProductCategory</b><br>[ProductCategoryKey]<br>[ProductCategoryAlternateKey]<br>[EnglishProductCategoryName]<br>[SpanishProductCategoryName]<br>[FrenchProductCategoryName]   |

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



You plan to use Power BI to import data from 2013 to 2015. Product Subcategory[Subcategory] contains NULL values. End of Repeated Scenario.

You are implementing the Power BI model.

You need to edit the Product Category query to match the desired Power BI model.

How should you complete the advanced query? 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 pint.

| Values               | Answer Area  |
|----------------------|--|
| Table.Combine        | <pre> let     Source = Sql.Database("localhost"),     DB1 = Source([Name="DB1"])[Data],     dbo_DimProductCategory = DB1([Schema="dbo",Item="DimProductCategory"])[Data],     #"Var1" = [Value] (dbo_DimProductCategory, {"ProductCategoryAlternateKey",         "SpanishProductCategoryName", "FrenchProductCategoryName"})     #"Var2" = [Value] (#"Var1", {{"EnglishProductCategoryName", "Category"}}) in     #"Var2"                     </pre> |
| Table.RemoveColumns  |  |
| Table.RemoveRows     |  |
| Table.RenameColumns  |  |
| Table.ReorderColumns |  |
| Table.SelectColumns  |  |

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Table.RemoveColumns

Box 2: Table.RenameColumns References:

<https://msdn.microsoft.com/en-us/library/mt260776.aspx> <https://msdn.microsoft.com/en-us/library/mt260808.aspx>

**NEW QUESTION 98**

You have a workspace that contains 10 dashboards. A dashboard named Sales Data from two datasets. You discover that users are unable to find data on the dashboard by using natural language queries. You need to ensure that the users can find data by using natural language queries. What should you do?

- A. From the settings of the workspace, modify the Language Settings.
- B. From the properties of the dashboard, modify the Q&A settings.
- C. From the Sales Data dashboard, modify the dashboard as a Favorite.
- D. From the properties of the datasets, modify the Q&A and Cortana settings.

**Answer:** D

**Explanation:**

References:

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

**NEW QUESTION 102**

Your company has a custom line-of-business application named SalesApp.

The developers of SalesApp want to push data into the Power BI service to create several visualizations. You need to ensure that the developers can push the data from SalesApp to the Power BI service.

What should you do?

- A. Go to portal.azure.com and create a web app.
- B. Go to dev.powerbi.com/apps and register an application.
- C. Go to app.powerbi.com/admin-portal and click Publish to web.
- D. Go to app.powerbi.com and create an app workspace.

**Answer:** B

**Explanation:**

References:

<https://docs.microsoft.com/en-us/power-bi/developer/walkthrough-push-data-register-app-with-azure-ad>

**NEW QUESTION 106**

Note: This question is a 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 query for a table named Sales. Sales has a column named CustomerID. The Data type of CustomerID is Whole Number.

You refresh the data and find several errors. You discover that new entries in the Sales table contain nonnumeric values.

You need to ensure that nonnumeric values in the CustomerID column are set to 0. Solution: From Query Editor, select the CustomerID column and click Replace Values... Does this meet the goal?

- A. Yes
- B. No

**Answer:** B

**NEW QUESTION 108**

You have three Power BI Desktop projects named Report1.pbix, Report2.pbix, and Report3.pbix that have the following characteristics:

- Report1.pbix contains a custom visualization.
- Report2.pbix implements row-level security.
- Report3.pbix connects to a Microsoft SQL Server database by using DirectQuery.

Which reports support Publish to Web, and which reports can be published to Power BI Report Server? To answer, drag the appropriate reports to the correct targets. Each report 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.

| Reports             |                     |
|---------------------|---------------------|
| Report1 only        | Report2 only        |
| Report3 only        | Report1 and Report2 |
| Report1 and Report3 | Report2 and Report3 |

**Answer Area**

Reports that support Publish to web:

Reports that can be published to Power BI Report Server:

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

References:

<https://docs.microsoft.com/en-us/power-bi/service-publish-to-web#custom-visuals>

**NEW QUESTION 111**

You are importing sales data from a Microsoft Excel file named Sales.xlsx into Power BI Desktop. You need to create a bar chart showing the total sales amount by region.

When you create the bar chart, the regions appear as expected, but the sales amount value displays the count of sales amount instead of the sum of sales amount each region.

You need to modify the query to ensure that the data appears correctly. What should you do?

- A. Delete the query, import the data into Microsoft SQL Server, and then import the data from SQL Server.
- B. In Query Editor, add a calculated column that totals the sales amount column.
- C. Change the Data Type of sales amount column to Numeric.
- D. Refresh the data model.

**Answer:** B

**NEW QUESTION 112**

You have a Power BI report that is configured to use row-level security (RLS).

You have the following roles:

A manager role that limits managers to see only the sales data from the stores they manage.

A region role that limits users to see only the data from their respective region

You plan to use Power BI Embedded to embed the report into an application. The application will authenticate the users.

You need to ensure that RLS is enforced when accessing the embedded report. What should you do?

- A. In the access token for the application, include the user name and the role name.
- B. In the access token for the application, include the report URL and the Microsoft Azure Active Directory Domain name.
- C. From dev.powerbi.com/apps, register the new application and enable the Read All Reports API access.
- D. From dev.powerbi.com/apps, register the new application and enable the Read All Groups API access.

**Answer:** A

**Explanation:**

References: <https://docs.microsoft.com/en-us/power-bi/developer/embedded-row-level-security>

**NEW QUESTION 114**

You have a Microsoft SQL Server Analysis Services (SSAS) cube that contains historical data. In Power BI Desktop, you have the following query for the cube.

```
let
    Source = AnalysisServices.Database("msi", "Test", [TypedMeasureColumns=true]),
    Model1 = Source{[Id="Model"]}[Data],
    Model2 = Model1{[Id="Model"]}[Data],
    #"Added Items" = Cube.Transform(Model2,
        {
            ...
        }),
    #"Changed Type" = Table.TransformColumnTypes(#"Added Items",{{"FactInternetSales.CarrierTrackingNumber", Int64.Type}}),
    #"Removed Duplicates" = Table.Distinct(#"Changed Type", {"FactInternetSales.CarrierTrackingNumber"}),
    #"Changed Type1" = Table.TransformColumnTypes(#"Removed Duplicates", {{"FactInternetSales.CustomerPONumber", Int64.Type}})
in
    #"Changed Type1"
```

The query retrieves 25,499 records.

When you check the data warehouse that is the source of the cube, you discover that there are 26,423 records. You need to ensure that the query retrieves all 26,423 records.

What should you do?

- A. From Query Editor, refresh all the data.
- B. Change the query to use Live connection mode.
- C. Delete the Remove Duplicates step.
- D. Add an Unpivot Columns step.

**Answer:** C

#### NEW QUESTION 117

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 exactly the same in each question in this series.

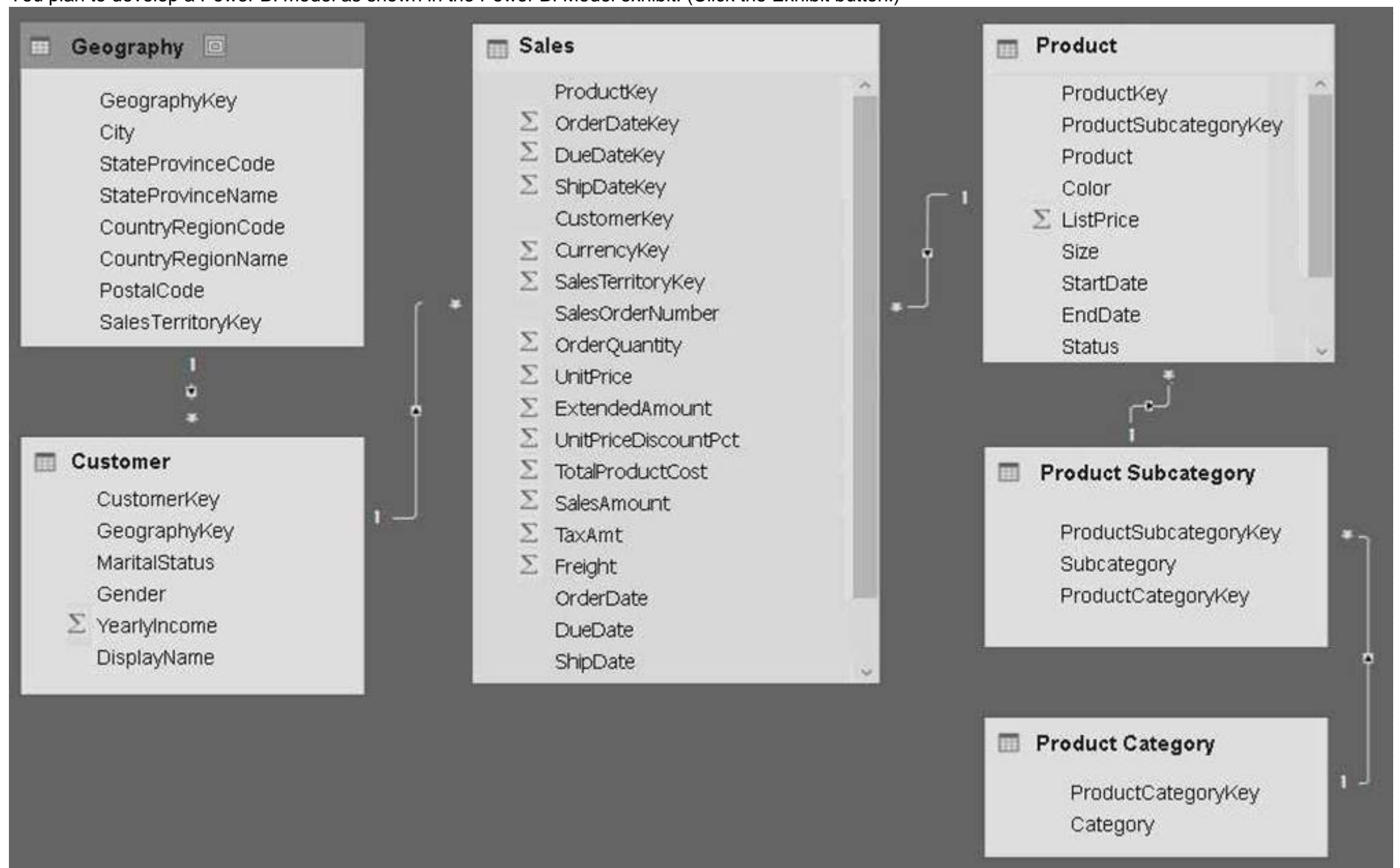
Start of repeated scenario.

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



|   |   |   |
|---|---|---|
| <b>dimGeography</b><br>[GeographyKey]<br>[City]<br>[StateProvinceCode]<br>[StateProvinceName]<br>[CountryRegionCode]<br>[EnglishCountryRegionName]<br>[PostalCode]<br>[SalesTerritoryKey]<br>[IpAddressLocator] | <b>Sales</b><br>[ProductKey]<br>[OrderDateKey]<br>[DueDateKey]<br>[ShipDateKey]<br>[CustomerKey]<br>[PromotionKey]<br>[CurrencyKey]<br>[SalesTerritoryKey]<br>[SalesOrderNumber]<br>[SalesOrderLineNumber]<br>[OrderQuantity]<br>[UnitPrice]<br>[ExtendedAmount]<br>[UnitPriceDiscountPct]<br>[DiscountAmount]<br>ProductStandardCost<br>[TotalProductCost]<br>[SalesAmount]<br>[TaxAmt]<br>[Freight]<br>[OrderDate]<br>[DueDate]<br>[ShipDate] | <b>dimProduct</b><br>[ProductKey]<br>[ProductSubcategoryKey]<br>[EnglishProductName]<br>[Color]<br>[ListPrice]<br>[Size]<br>[StartDate]<br>[EndDate]<br>[Status]  |
| <b>dimCustomer</b><br>[CustomerKey]<br>[GeographyKey]<br>[DisplayName]<br>[MaritalStatus]<br>[Gender]<br>[YearlyIncome]   |   | <b>dimProductSubcategory</b><br>[ProductSubcategoryKey]<br>[ProductSubcategoryAlternateKey]<br>[EnglishProductSubcategoryName]<br>[SpanishProductSubcategoryName]<br>[FrenchProductSubcategoryName]<br>[ProductCategoryKey] |
|   |   | <b>dimProductCategory</b><br>[ProductCategoryKey]<br>[ProductCategoryAlternateKey]<br>[EnglishProductCategoryName]<br>[SpanishProductCategoryName]<br>[FrenchProductCategoryName]   |

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



You plan to use Power BI to import data from 2013 to 2015. Product Subcategory[Subcategory] contains NULL values. End of Repeated Scenario. You need to create a measure of Sales[SalesAmount] where Product[Color] is Red or Product[Size] is 50. Which DAX formula should you use?

A

```
[Total Sales] :=
CALCULATE (
    SUM([SalesAmount]),
    All('Product'[Color], 'Product'[Size])
)
```

B

```
[Total Sales] :=
CALCULATE (
    SUM([SalesAmount]),
    'Product'[Color]= "Red" || 'Product'[Size] = 50
)
```

C

```
[Total Sales] :=
CALCULATE (
    SUM([SalesAmount]),
    FILTER (
        'Product',
        'Product'[Color] = "Red" ||
        'Product'[Size] = 50
    )
)
```

D

```
[Total Sales] :=
CALCULATE (
    SUM([SalesAmount]),
    FILTER (
        'Product'[Color] = "Red" ||
        'Product'[Size] = 50
    )
)
```

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

**Answer: C**

#### NEW QUESTION 122

Your organization has a Microsoft Office 365 subscription.

When the users attempt to access the Power BI Service, they receive the error message shown in the exhibit. (Click the Exhibit button.)



You need to ensure that all the users can access the Power BI service. What should you do first?

- A. From the Microsoft Azure Active Directory admin center, assign a Power BI (free) license to each user.
- B. From the Power BI Admin portal, modify the Tenant settings.
- C. From Microsoft Azure PowerShell, run the Set-MsolCompanySettings cmdlet.
- D. From the properties of each dashboard, modify the Share dashboard settings.



**Answer:** C

**Explanation:**

You need to run the following cmdlet: Set-MsolCompanySettings -AllowAdHocSubscriptions \$true

**NEW QUESTION 126**

You are creating a report in Power BI Desktop. You are consuming the following tables.

| Total name | Column name   | Data type  |
|------------|---------------|------------|
| Sales      | SalesID       | Integer    |
|            | SalesDate     | Datetime   |
|            | TotalPrice    | Float      |
|            | CustomerID    | Integer    |
|            | SalesShipDate | Datetime   |
|            | StoreID       | Integer    |
| Date       | Date          | Datetime   |
|            | DateKey       | Integer    |
|            | DateName      | Datetime   |
|            | MonthNumber   | Integer    |
|            | Week          | Integer    |
|            | MonthName     | Varchar(3) |
|            | Year          | Integer    |

Date[Date] is in the mm/dd/yyyy format. Date[DateKey] is in the ddmmyyyy format. Date[MonthNumber] is in the mm format. Date[MonthName] is in the mmm format.

You create the report shown in the exhibit. (Click the Exhibit button.)



You need to ensure that the months appear in the order of the calendar. How should you sort the MonthName column?

- A. by MonthNumber
- B. ascending
- C. descending
- D. by DateKey

**Answer:** A

**Explanation:**

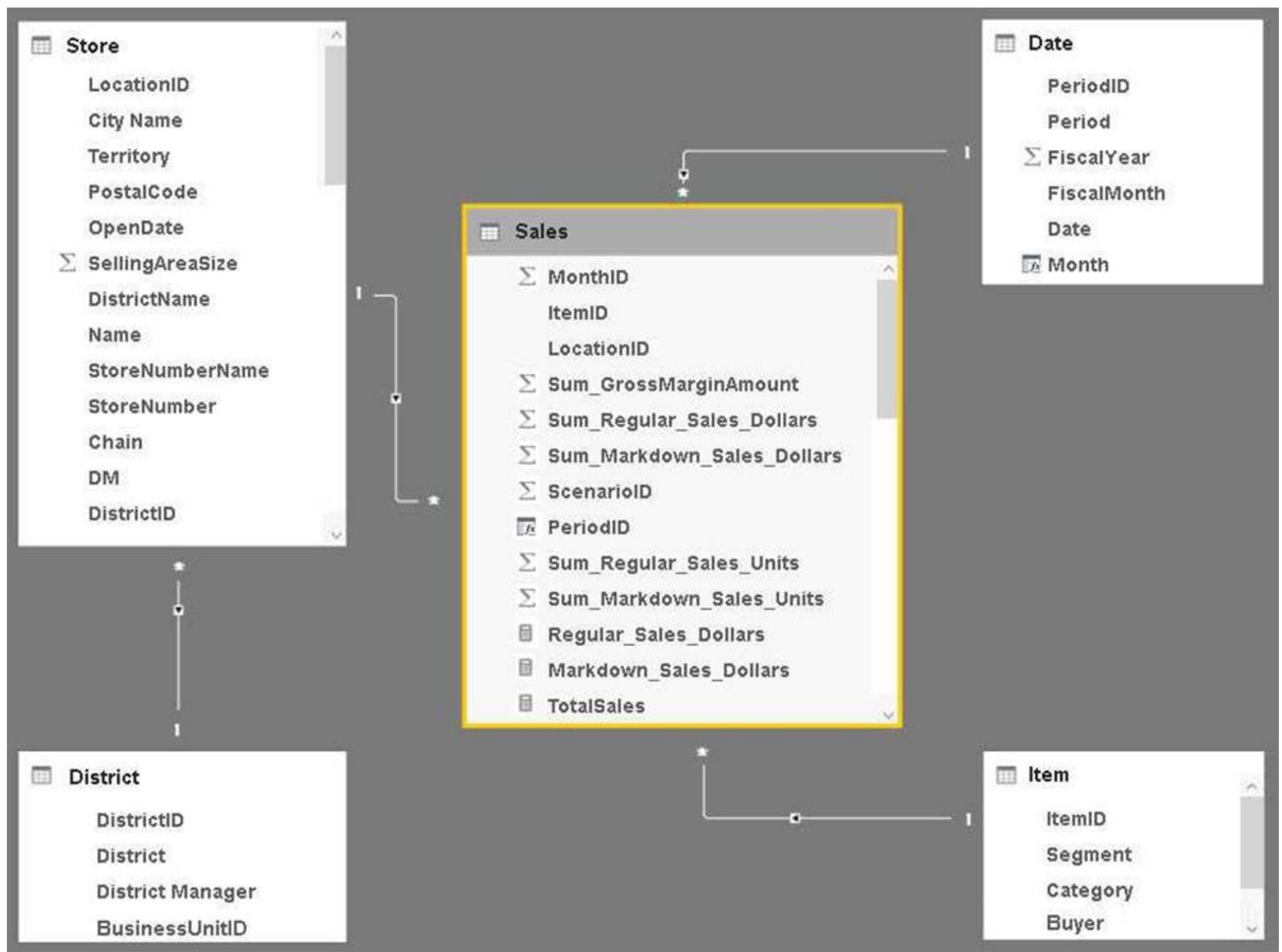
References:

<http://ppmworks.com/sorting-month-names-chronologically-in-microsoft-power-bi-reports/>

**NEW QUESTION 128**

You plan to create a Power BI report. You have the schema model shown in the exhibit. (Click the Exhibit button.)





The model has the following relationships:

- Store to District based on DistrictID
- Sales to Store based on LocationID
- Sales to Date based on PeriodID
- Sales to Item based on ItemID

You configure row-level security (RLS) so that the district managers of the stores only see the sales from the stores they manage.

When the district managers view the Store by Items report, they see items for all the stores. You need to ensure that the district managers can see items for the stores they manage only. How should you configure the relationship from Sales to Item?

- A. Select Assume Referential Integrity.
- B. Change the Cardinality to One to Many (1:\*)
- C. Change the Cross filter direction to Both.
- D. Change the Cardinality to One to one (1:1).

**Answer: C**

**Explanation:**

References: <https://powerbi.microsoft.com/en-us/guided-learning/powerbi-admin-rls/>

### NEW QUESTION 132

Note: This question is a 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.

Your company has 1,000 users in a Microsoft Office 365 subscription.

A Power BI administrator named Admin1 creates 20 dashboards and shares them with 50 users. You discover that a use name User1 can access all the dashboards.

You need to prevent User1 from accessing all the dashboards.

Solution: From the properties of each dashboard, you modify the Share settings. Does this meet the goal?

- A. Yes
- B. No

**Answer: B**

**Explanation:**

References:

<https://docs.microsoft.com/en-us/power-bi/service-admin-administering-power-bi-in-your-organization#how-do>

**NEW QUESTION 134**

Note: This question is a 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 model that contains two tables named Sales and Date. Sales contains four columns named TotalCost, DueDate, ShipDate, and OrderDate. Date contains two columns named Date and Time.

The tables have the following relationships:

Sales [DueDate] and Date [Date]

Sales [ShipDate] and Date [Date]

Sales [OrderDate] and Date [Date]

The active relationship is on Sales [DueDate].

You need to create measures to count the number of orders by [ShipDate] and orders by [OrderDate]. You must meet the goal without loading any additional data.

Solution: You create two copies of the Date table named ShipDate and OrderDateGet. You create a measure that uses the new tables.

Does this meet the goal?

A. Yes

B. No

**Answer: B**

**NEW QUESTION 138**

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 Microsoft Excel workbook that is saved to Microsoft SharePoint Online. The workbook contains several Power View sheets.

You need to recreate the Power View sheets as reports in the Power BI service.

Solution: From the Power BI service, get the data from SharePoint Online, and then click Import. Does this meet the goal?

A. Yes

B. No

**Answer: A**

**Explanation:**

References:

<https://docs.microsoft.com/en-us/power-bi/service-excel-workbook-files>

**NEW QUESTION 141**

You plan to use Power BI Desktop optimized for Power BI Report Server to create a report. The report will be published to Power BI Report Server.

You need to ensure that all the visualization in the report can be consumed by users.

Which two types of visualizations should you exclude from the report? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. Funnel charts

B. Custom visuals

C. Bubble maps

D. Breadcrumbs

E. R visuals

**Answer: DE**

**Explanation:**

References: <https://powerbi.microsoft.com/en-us/guided-learning/reportserver-quickstart-powerbi-report/>

**NEW QUESTION 146**

You are creating a Power BI Desktop report that has several bar charts and a date slicer.

You need to create a slide show that can be viewed from the Power BI service. Each slide must display the charts filtered for a different year.

What should you do before you publish the report?

A. Configure report level filters, and then create groups that use the List group type.

B. Configure drillthrough filters for each bar chart, and then select Selection Pane.

C. Filter the bar charts by using the slicer, and then create bookmarks.

D. Configure page level filters, and then create groups that use the Bin group type.

**Answer: C**

**Explanation:**

References: <https://docs.microsoft.com/en-us/power-bi/desktop-bookmarks>

**NEW QUESTION 148**

You have the following tables.

| Table name   | Column name         |
|--------------|---------------------|
| Transactions | TransactionID       |
|              | TransactionDate     |
|              | TransactionQuantity |
| Date         | Date                |
|              | Day                 |
|              | Month               |
|              | Year                |

You need to create a measure to calculate a running total of TransactionQuantity.

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

### Answer Area

Cumulative Quantity=

CALCULATE  
CALCULATETABLE  
DATESBETWEEN  
SUMX

SUM ('Transactions' [TransactionQuantity]),

FILTER (

ALL  
ALLEXCEPT  
FILTER  
MIN

('Date' [Date]),

'Date' [Date]<=MAX ('Date'[Date])

)

)

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

References:

<http://www.daxpatterns.com/cumulative-total/>

#### NEW QUESTION 152

You open the Power BI Admin portal as shown in the following graphic.

All the app workspaces use the customer's capacity.

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

You can scale up the customers capacity by changing the [answer choice].

▼

pricing tier from the Azure portal  
settings of the workspace  
subscription from the Office 365 admin center  
Tenant settings from the Power BI Admin portal

When designing a custom application that embeds reports from the customers capacity, the developer [answer choice].

▼

can use both the user owns data model and the app owns data model  
must use the app owns data model  
must use the user owns data model

- A. Mastered  
B. Not Mastered

**Answer:** A

**Explanation:**

References:

<https://docs.microsoft.com/en-us/azure/power-bi-embedded/scale-capacity> <https://docs.microsoft.com/en-us/power-bi/developer/embed-sample-for-customers>

### NEW QUESTION 157

You are creating a report in Power BI Desktop. You are consuming the following tables.

| Total name | Column name   | Data type    |
|------------|---------------|--------------|
| Sales      | SalesID       | Integer      |
|            | SalesDate     | Datetime     |
|            | TotalPrice    | Float        |
|            | CustomerID    | Integer      |
|            | SalesShipDate | Datetime     |
|            | StoreID       | Varchar(100) |
| Date       | Date          | Datetime     |
|            | DateKey       | Integer      |
|            | DateName      | Datetime     |
|            | MonthNumber   | Integer      |
|            | MonthName     | Varchar(3)   |
|            | Year          | Integer      |

You have a new table named Fiscal that has the same schema as the Date table, but contains the fiscal dates of your company. You need to create a report that displays the total sales by fiscal month and calendar month. What should you do?

- A. Union Fiscal and Date as one table.  
B. Add Fiscal to the model and create a one-to-many relationship by using Date[Year] and Fiscal[Year].  
C. Add Fiscal to the model and create a one-to-one relationship by using Date[Year] and Fiscal[Year].  
D. Merge Fiscal into the Date table.

**Answer:** D

**Explanation:**

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

### NEW QUESTION 158

You plan to join a fact table named ActivityLog to a Date dimension named ActivityDate. The date value in ActivityLog is a datetime column named ActivityStart. The date value in ActivityDate is a number column named DateID. DateID is in the YYYYMMDD format. What should you do in the model before you create the relationship?

- A. Change the Data Type of ActivityStart to Date.
- B. Create a measure in ActivityLog that uses the format DAX function.
- C. Change the Data Type of DateID to Date.
- D. Create a calculated column in ActivityLog that uses the format DAX function.

Answer: D

NEW QUESTION 159

You create a report in Power BI Desktop.  
You need to embed the report into a Microsoft SharePoint Online site.  
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

Add a webpart to a page.

Pin a visualization.

Pin a live page.

Obtain an embed link for SharePoint.

Publish the report to the Power BI service.

⬅

➡

Answer Area

1

2

3

⬆

⬇

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:  
References: <https://powerbi.microsoft.com/en-us/blog/integrate-power-bi-reports-in-sharepoint-online/>

NEW QUESTION 163

You have a Microsoft Excel spreadsheet that contains a table named Sales. You need to add the Sales table to a Power BI dashboard as a tile.  
How should you configure the tile?

- A. From the Power BI service, import the data from the Excel workbook.
- B. From Excel, publish the workbook to the Power BI service.
- C. From the Power BI tab in Excel, pin the table.
- D. From the Power BI service, upload the Excel workbook.

Answer: C

Explanation:  
References: <https://docs.microsoft.com/en-us/power-bi/publisher-for-excel>

NEW QUESTION 166

.....

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