

70-778 Dumps

Analyzing and Visualizing Data with Microsoft Power BI (beta)

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



NEW QUESTION 1

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 2

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 3

From Power BI Desktop, you publish an app that contains one dashboard and one report. Q&A is enabled on the dashboard. In Q&A, a user types the query count of clients and fails to receive any results. The user then types the query count of subscribers and received the expected results. You need to ensure that the user can use both queries to receive the same results. Which four actions should you perform in sequence? To answer, move the appropriate actions form the list of actions to the answer area and arrange them in the correct order.

Actions

Update the app form powerbi.com

Delete and publish the app.

Edit the synonyms.

Publish the report to App Workspaces.

Enable and configure Data classification for dashboards.

Edit the dashboard settings from powerbi.com

Open the report by using Power BI Desktop.

Answer Area

>

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⤴

⤵

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Delete and publish the app.

Edit the dashboard settings from powerbi.com

Edit the synonyms.

Update the app form powerbi.com

NEW QUESTION 4

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 a calculated table. You create a measure that uses the new table. Does this meet the goal?

A. Yes

B. No

Answer: B

NEW QUESTION 5

Your company has a security policy stating that proprietary data must not be transferred over the Internet. During a security audit, auditors discover that executives use the Power BI service for reporting. You need to recommend a solution to ensure that the company adheres to the security policy. What should you include in the recommendation?

A. Microsoft SQL Server column encryption

B. Microsoft Azure ExpressRoute

C. a site-to-site VPN to Microsoft Azure

D. the on-premises gateway for Power BI

Answer: B

Explanation:

References:

<https://docs.microsoft.com/en-us/power-bi/service-admin-power-bi-expressroute>

NEW QUESTION 6

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 7

You create a report in the Power BI service that displays the following visualizations:

- A KPI that displays the count of customers
- A table that displays the count of customers by country
- A line chart that displays the count of customers by year

You need to receive an alert when the total number of customers reaches 10,000. What should you do first?

- Pin the line chart to a dashboard.
- Pin the KPI to a dashboard.
- Embed the report into a Microsoft SharePoint page.
- Pin the report to a dashboard.

Answer: D

NEW QUESTION 8

You have two Microsoft SQL Server database servers named SQLProd and SQLDev. SQLDev contains the same tables as SQLProd, but only a subset of the data in SQLProd.

You create a new Power BI Desktop model that uses 120 tables from SQLDev. You plan to publish the Power BI file to the Power BI service.

You need to connect the model to the tables in SQLProd. The solution must minimize administrative effort.

What should you do from Query Editor before you publish the model?

- Create a new connection to SQLProd, and then import the tables from SQLProd.
- Delete the existing queries, and then add new data sources.

- C. Configure the Data source settings.
- D. Edit the source of each table query.

Answer: D

Explanation:

References: <https://docs.microsoft.com/en-us/power-bi/desktop-analysis-services-tabular-data>

NEW QUESTION 9

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 Remove Errors. Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 10

You use Power BI Desktop to create a visualization for a Microsoft SQL Server data source. You need to ensure that you can use R visualization.

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

- A. Download and install Microsoft R Server.
- B. Download and install RStudio Server on the computer that has Power BI Desktop installed.
- C. Install SQL Server R Services on the server that runs SQL Server.
- D. Enable R Scripting on the computer that has Power BI Desktop installed.
- E. Download and install Microsoft R on the computer that has Power BI Desktop installed.

Answer: E

Explanation:

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

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].

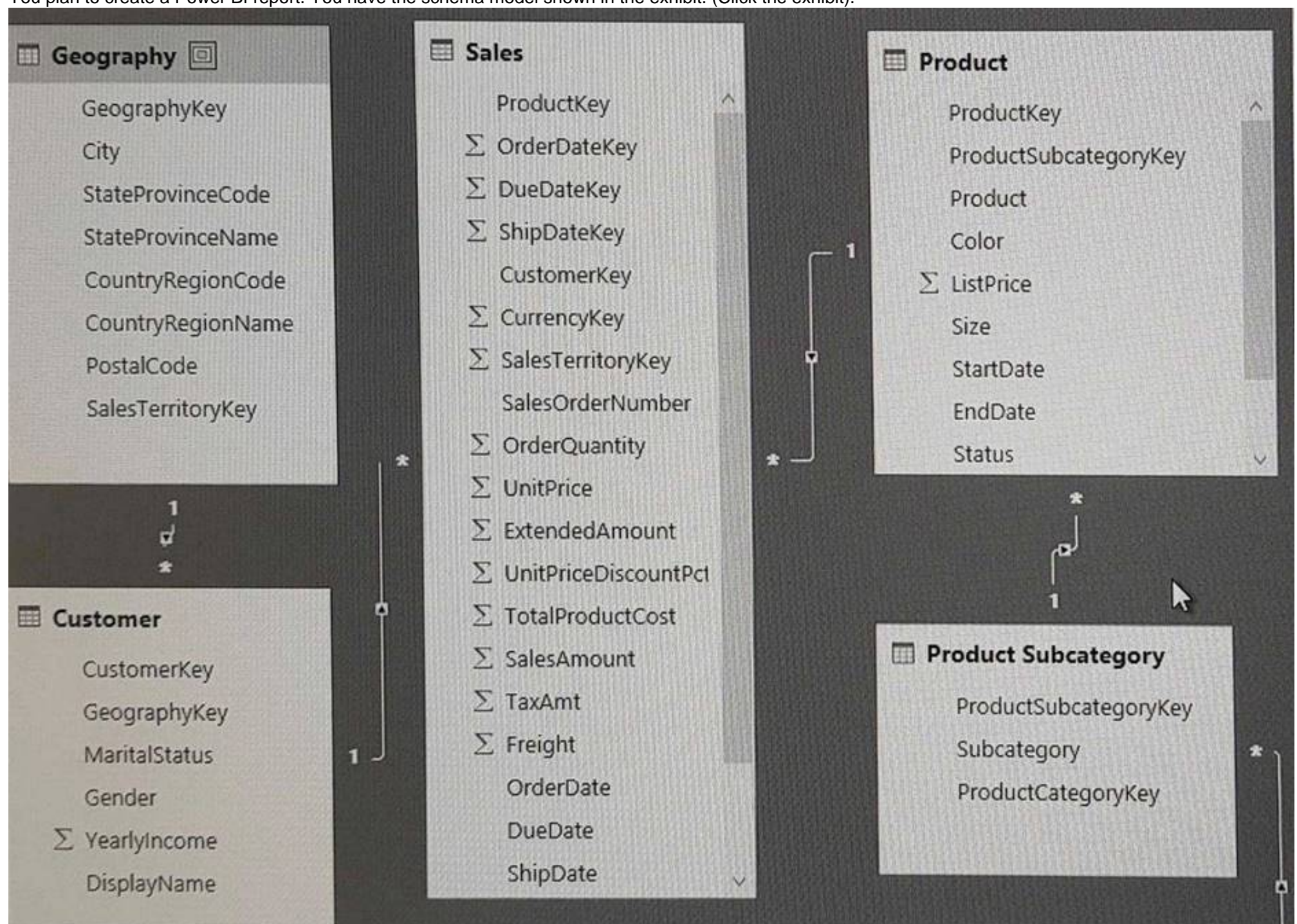
add other users as members
create a new dashboard
pin a report visualization to a dashboard
publish a PBIX file

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 14

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



The model has the following relationships:

- Store the 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 sales report, they see Sales by Items for all stores.

You need to ensure that the district managers can see Sales by items for the stores they manage only. How should you configure the relationship from Sales to Item?

A. Change the Cardinality to One to one (1:1).

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

Answer: D

Explanation:

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

NEW QUESTION 19

You have a table named Sales. Sales contains the data shown in the following table.

Year	Total Sales
2015	26,250,801.43
2016	32,890,351.72
2017	11,685,099.08

You have the following measure.

Total Sales This Year = SUM([Total Sales])

You plan to create a KPI to compare the current yearly sales to the previous year as shown in the exhibit. (Click the Exhibit button.)

Current Year Sales



You need to create the measure for the goal.

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
CALCULATE	Value ([Total Sales This Year], Value ('Date' [Date], -1, YEAR))
DATEADD	
PREVIOUSYEAR	
SAMEPERIODLASTYEAR	
SUMX	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

References: <https://msdn.microsoft.com/query-bi/dax/dateadd-function-dax>

NEW QUESTION 24

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 26

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 three types of visualizations should you include in the report? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. bubble maps
- B. custom visuals
- C. R visuals
- D. breadcrumbs
- E. funnel charts

Answer: ABE

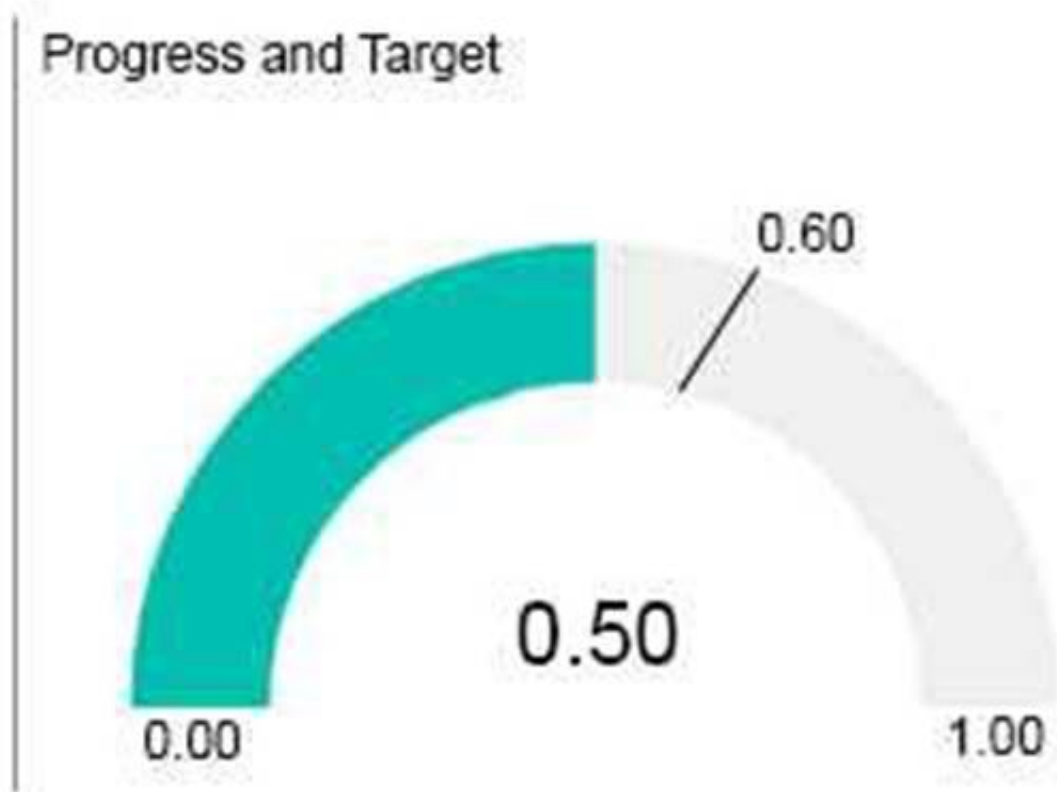
Explanation:

References:

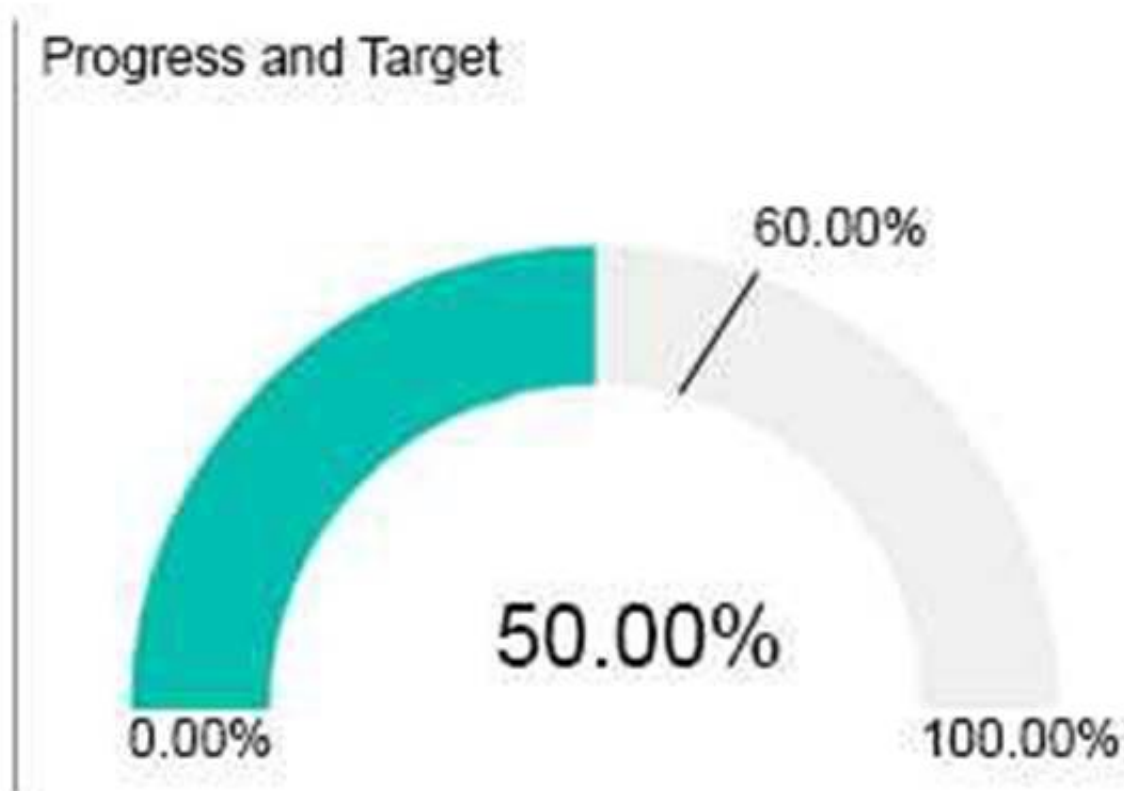
<https://docs.microsoft.com/en-us/power-bi/report-server/install-powerbi-desktop>

NEW QUESTION 28

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 30

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

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- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 34

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 are modeling the data in Power BI.

You need to import only a sample of the data from the Order table.

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

- A. In the Power BI model, create a calculated table.
- B. From Query Editor, create a custom column that uses a custom column formula.
- C. From Query Editor, add a select statement that uses a where clause to the source definition.
- D. From Query Editor, create a column by using Column From Examples.
- E. From Query Editor, filter the table by Order_date.

Answer: C

NEW QUESTION 35

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 plan to create a chart that displays total Order [Order_amount] by Store [Name]. You need to modify the model to ensure that you can create the chart.

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

- A. To the Order table, add a column that uses the RELATED('Store' [Store_ID]) DAX formula.
- B. Create a relationship between the Order table and the Store table.
- C. To the Order table, add a measure that uses the COUNT ('Order'[Order_amount]) DAX formula.
- D. To the order table, add a measure that uses the SUM ('Order' [Order_amount]) DAX formula.

Answer: AD

Explanation:

References:

<https://docs.microsoft.com/en-us/power-bi/desktop-tutorial-create-measures> <https://docs.microsoft.com/en-us/power-bi/desktop-tutorial-create-calculated-columns>

NEW QUESTION 39

You have a service published to a website.

When you connect to the website, you receive the following data.

```
<service xmlns="http://www.w3.org/2007/app"
  xmlns:atom="http://www.w3.org/2005/Atom"
  xml:base="http://data.northwindtraders.com/Northwind/Northwind.svc/">
  <workspace>
    <atom:title>Default</atom:title>
    <collection href="Categories">
      <atom:title>Categories</atom:title>
    </collection>
    <collection href="Customers">
      <atom: title>Customers</atom:title>
    </collection>
    <collection href="Order_Details">
      <atom:title>Order_Details</atom:title>
    </collection>
  </workspace>
</service>
```

You need to create a query that retrieves the Categories data and the Customers data. Which type of source should you use?

- A. JSON
- B. Text/CSV
- C. OData Feed
- D. XML

Answer: D

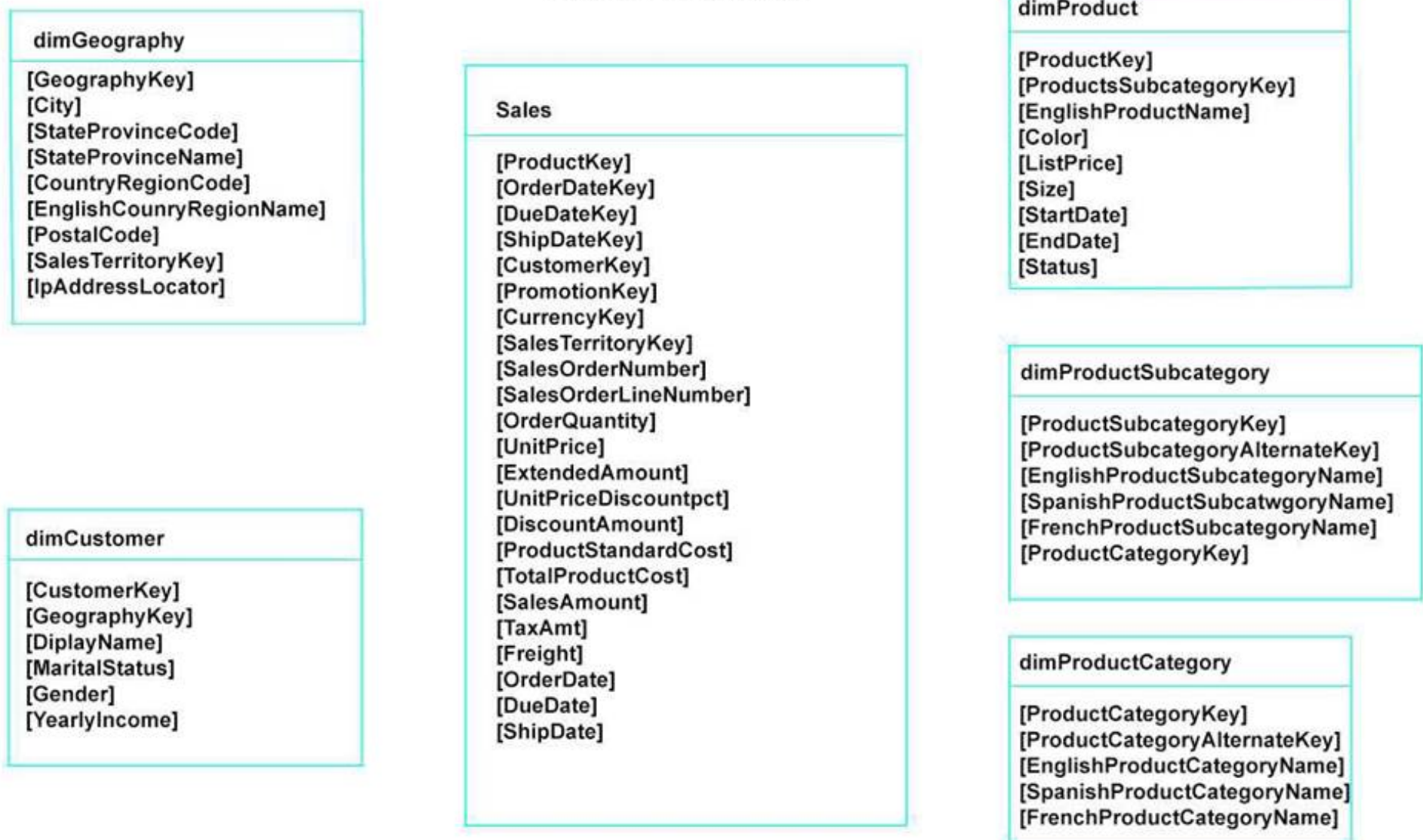
NEW QUESTION 40

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.

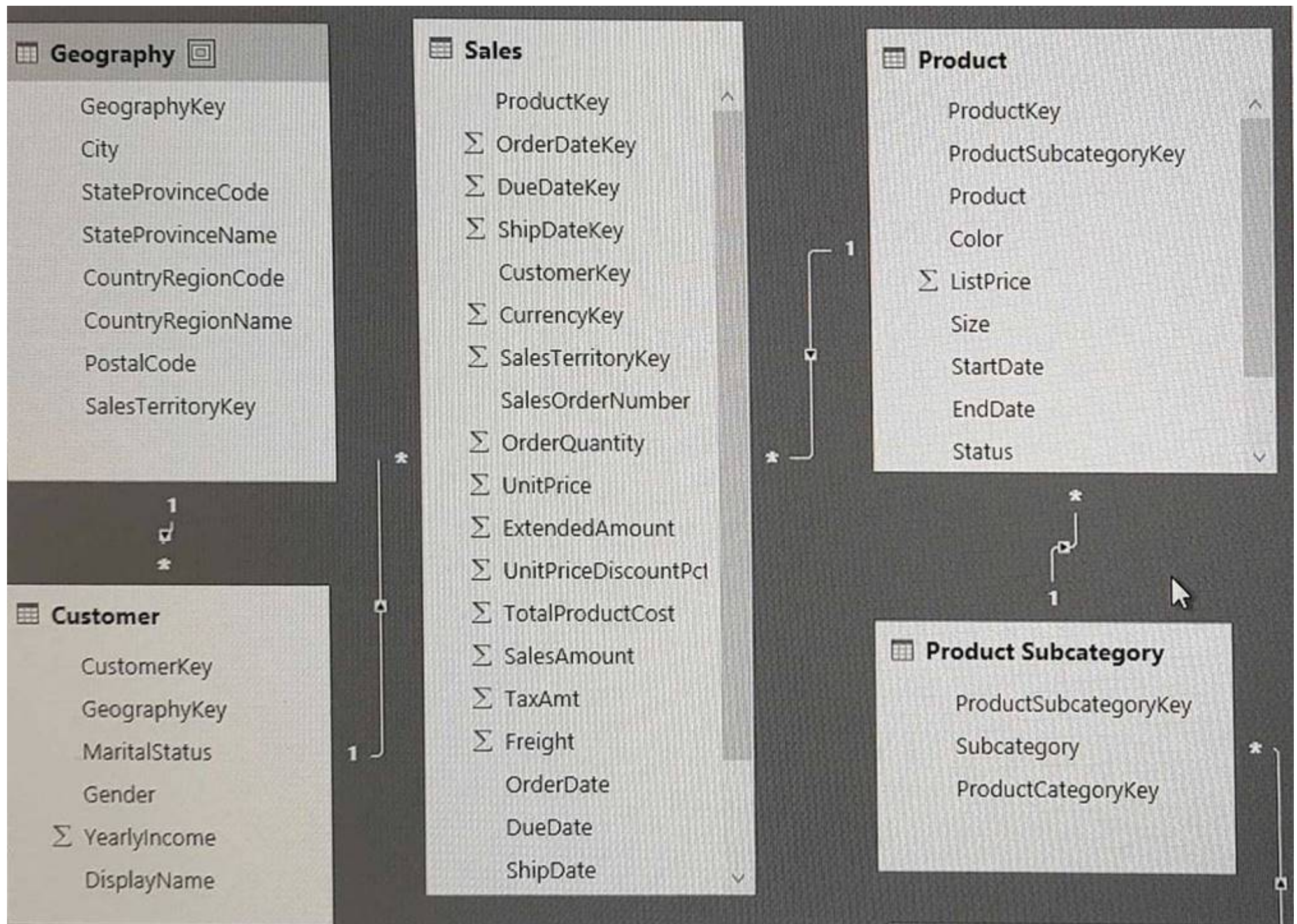
Start of repeated scenario

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	13,000
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 41

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 46

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: Purchase Power BI Premium P1, and then configure the app workspace to run in a dedicated capacity.

Does this meet the goal?

- A. Yes
B. No

Answer: A

Explanation:

References:
<https://docs.microsoft.com/en-us/power-bi/developer/embed-sample-for-customers>

NEW QUESTION 49

You have a Power Pivot model that includes a KPI.

You need to create a visualization based on the Power Pivot model as shown in the exhibit. (Click the Exhibit button.)

Year	Month	RevenueTY	RevenueTY Goal	RevenueTY Status
2013	August	\$4,689,121	\$4,521,528	●
	September	\$5,284,376	\$5,455,457	●
	October	\$5,962,371	\$6,418,957	●
	November	\$5,532,316	\$5,770,254	●
	December	\$6,714,041	\$6,771,982	●
2014	January	\$6,748,259	\$6,924,711	●
	February	\$6,999,557	\$7,328,599	●
	March	\$8,938,044	\$8,196,823	●
	April	\$8,518,611	\$8,142,711	●
	May	\$7,982,229	\$7,817,442	●
	June	\$9,183,416	\$9,227,351	●
	July	\$7,451,696	\$7,593,963	●
	August	\$8,068,372	\$7,791,851	●
	September	\$7,669,263	\$7,919,924	●
	October	\$7,813,739	\$7,592,288	●
	November	\$10,322...	\$9,857,259	●

Which type of visualization should you use?

- A. matrix
- B. KPI
- C. multi row card
- D. table

Answer: B

NEW QUESTION 50

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 55

You have an on-premises Power BI Report Server.

You plan to create a report in Power BI Desktop and publish the report to the report server. Which data source should the report use?

- A. Microsoft Azure SQL Database
- B. a Microsoft SQL Server database
- C. a Microsoft SQL Server Analysis Services (SSAS) database
- D. Microsoft Excel

Answer: C

Explanation:

References:

<https://docs.microsoft.com/en-us/power-bi/report-server/quickstart-create-powerbi-report> <https://docs.microsoft.com/en-us/power-bi/report-server/connect-data-sources>

NEW QUESTION 57

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

dimGeography
[GeographyKey]
[City]
[StateProvinceCode]
[StateProvinceName]
[CountryRegionCode]
[EnglishCountryRegionName]
[PostalCode]
[SalesTerritoryKey]
[IpAddressLocator]

dimCustomer
[CustomerKey]
[GeographyKey]
[Display Name]
[MaritalStatus]
[Gender]
[YearlyIncome]

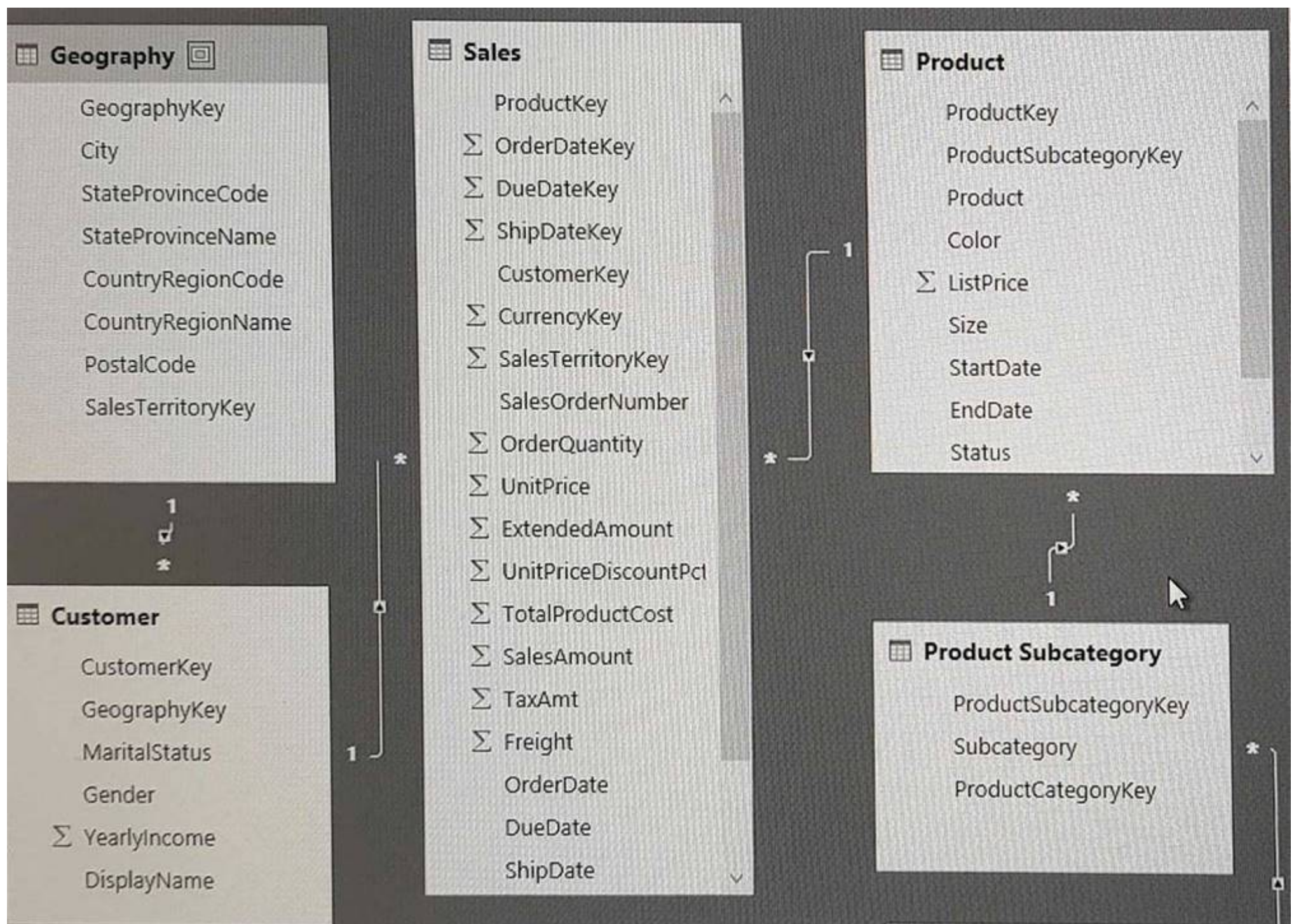
Sales
[ProductKey]
[OrderDateKey]
[DueDateKey]
[ShipDateKey]
[CustomerKey]
[PromotionKey]
[CurrencyKey]
[SalesTerritoryKey]
[SalesOrderNumber]
[SalesOrderLineNumber]
[OrderQuantity]
[UnitPrice]
[ExtendedAmount]
[UnitPriceDiscountpct]
[DiscountAmount]
[ProductStandardCost]
[TotalProductCost]
[SalesAmount]
[TaxAmt]
[Freight]
[OrderDate]
[DueDate]
[ShipDate]

dimProduct
[ProductKey]
[ProductsSubcategoryKey]
[EnglishProductName]
[Color]
[ListPrice]
[Size]
[StartDate]
[EndDate]
[Status]

dimProductSubcategory
[ProductSubcategoryKey]
[ProductSubcategoryAlternateKey]
[EnglishProductSubcategoryName]
[SpanishProductSubcategoryName]
[FrenchProductSubcategoryName]
[ProductCategoryKey]

dimProductCategory
[ProductCategoryKey]
[ProductCategoryAlternateKey]
[EnglishProductCategoryName]
[SpanishProductCategoryName]
[FrenchProductCategoryName]

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 edit the Product Category table 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 point.

Values

Answer Area

Table.Combine

Table.RemoveColumns

Table.RemoveRows

Table.RenameColumns

Table.ReorderColumns

Table.SelectColumns

```
let
    Source= Sql.Databases ("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"}, {"DimProductSubcategory", "Subcategory"}}})
in
    # "Var2"
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

References:

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

NEW QUESTION 58

You have a Power BI model for sales data.

You need to create a measure to calculate the year-to-date sales and to compare those sales to the previous year for the same time period.

Which DAX function should you use?

- A. PARALLELPERIOD
- B. SAMEPERIODLAST YEAR
- C. DATESYTD
- D. PREVIOUSYEAR

Answer: A

Explanation:

References: <https://msdn.microsoft.com/en-us/library/ee634873.aspx>

NEW QUESTION 59

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 61

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 64

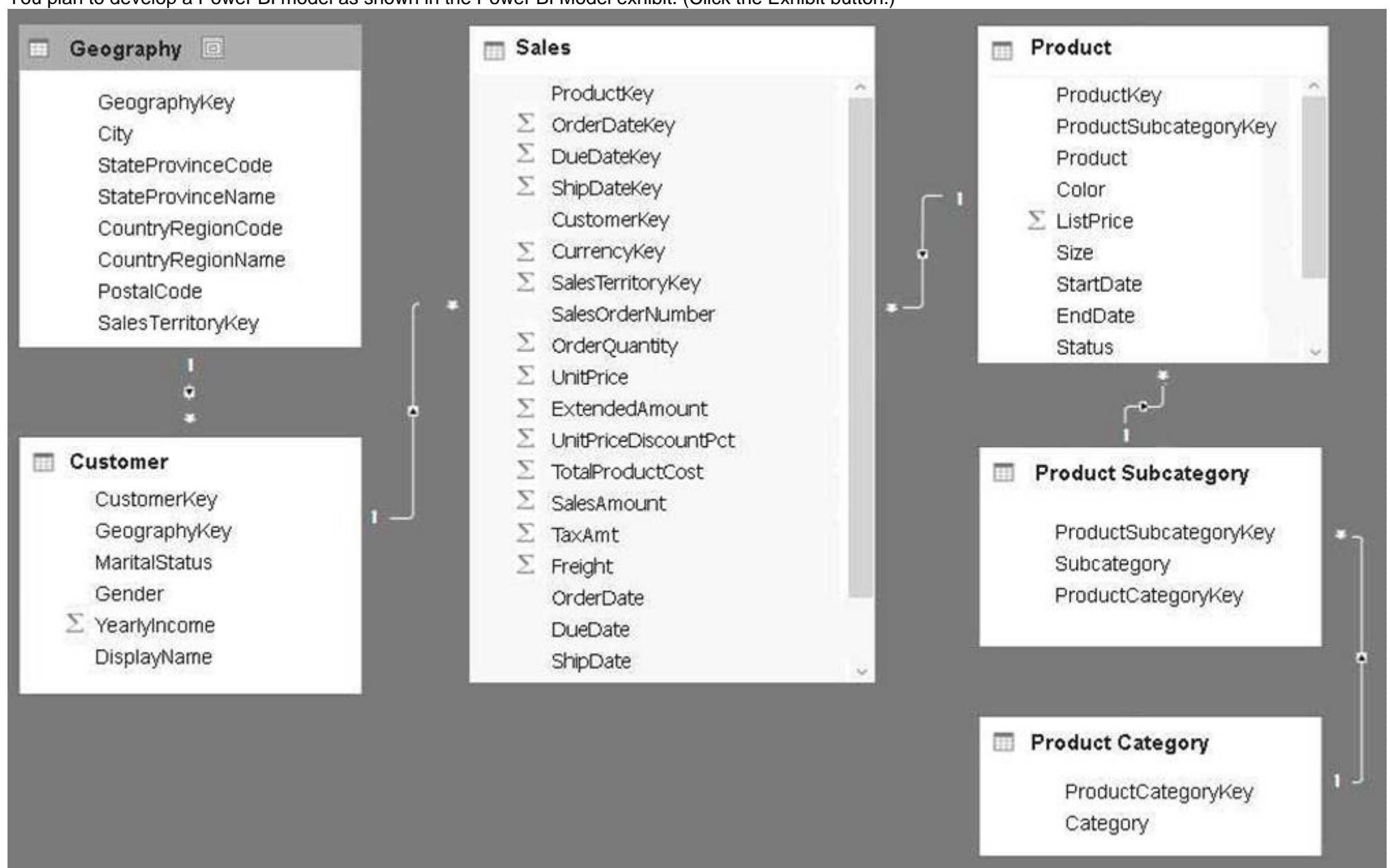
Note: This question is part of a series of questions that use the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is exactly the same in each question in this series.

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.)

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

Table.Combine

Table.RemoveColumns

Table.RemoveRows

Table.RenameColumns

Table.ReorderColumns

Table.SelectColumns

Answer Area

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"

- 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 66

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:

Report

Reports that can be published to Power BI Report Server:

Report

- 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 69

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 72

You have an app workspace that contains two datasets named dataset1 and dataset2. Dataset1 connects to a Microsoft Azure SQL database. Dataset2 connects to a Microsoft Excel file stored in Microsoft OneDrive for Business.

You create a report named Report1 that uses dataset1. You pin Report1 to a dashboard named Dashboard1.

You publish the app workspace to all the users in your organization. You need to delete dataset2 from the app workspace.

What should you do first?

- A. Delete Dashboard1.
- B. Delete Report1.
- C. Unpublish the app.
- D. Configure the refresh settings for Dataset2.

Answer: C

NEW QUESTION 73

You manage a Power BI model has a table named Sales and product.

You need to ensure that a sales team can view only data that has a CountryRegionName value of United States and a ProductCategory value of Clothing.

What should you do from Power BI Desktop?

- A. From Power BI Desktop, create a new role that has the following filter.[countryRegionName]= "United States" && [ProductCategory]= "Clothing"
- B. Add the following filters in Query Editor.CountryRegionName is United StatesProductCategory is Clothing
- C. From Power BI Desktop, create a new role that has the following filters.[CountryRegionName]= "United States"
- D. Add the following filters to a report.CountryRegionName is United SatesProductCategory is Clothing

Answer: D

Explanation:

References: <https://docs.microsoft.com/en-us/power-bi/power-bi-how-to-report-filter>

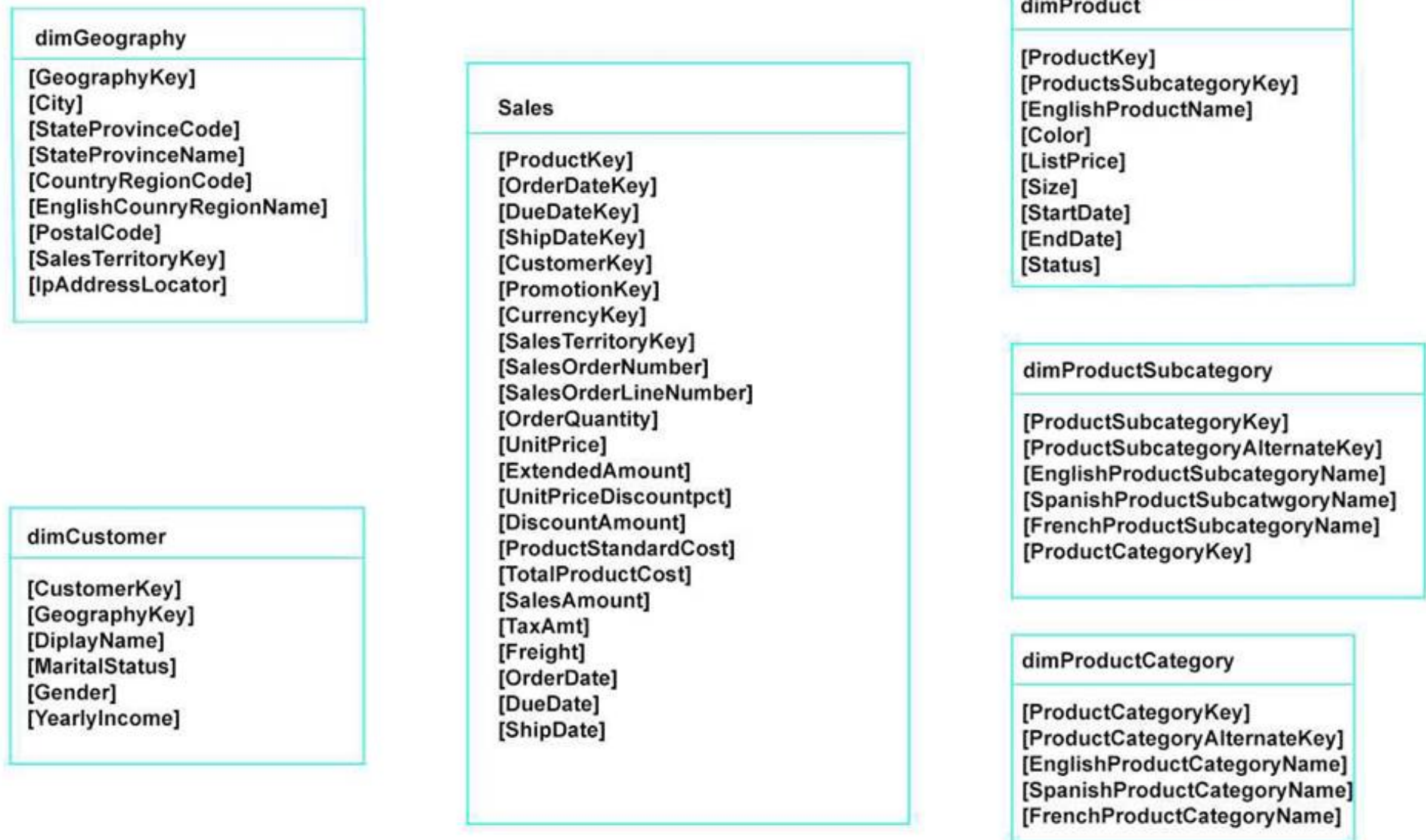
NEW QUESTION 76

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.

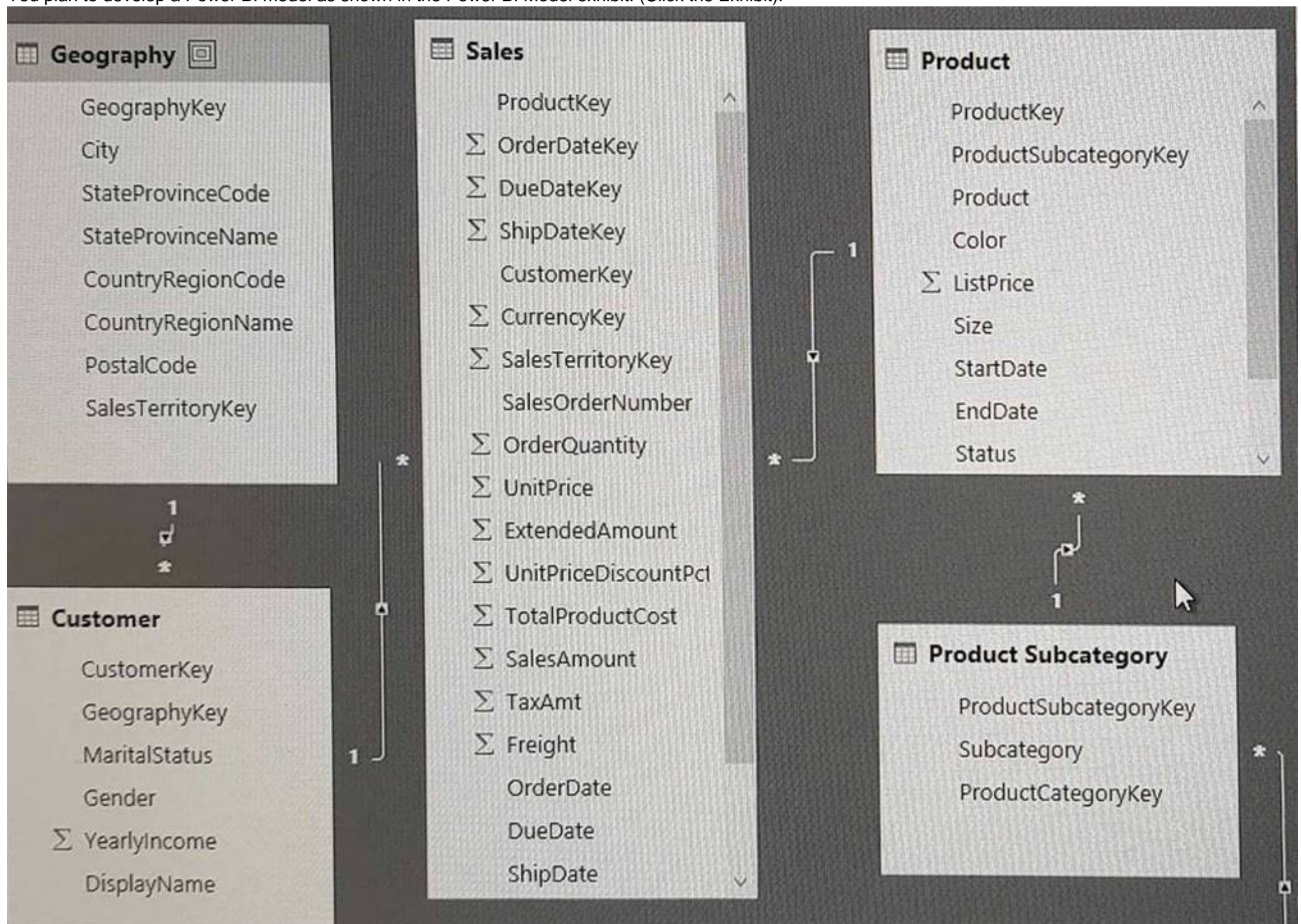
Start of repeated scenario

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 add another table named Territory to the model. A sample of the data is shown in the following table.

Territory Key	Territory Name
1	United States
1	USA
2	Canada
2	Can
3	United Kingdom
3	UK

You need to create a relationship between the Territory table and the Sales table.
Which function should you use in the query for Territory before you create the relationship?

- A. Table.RemoveMatchingRows
- B. Table.Distinct
- C. Table.InDistinct
- D. Table.ReplaceMatchingRows

Answer: B

Explanation:

References: <https://msdn.microsoft.com/en-us/library/mt260775.aspx>

NEW QUESTION 79

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

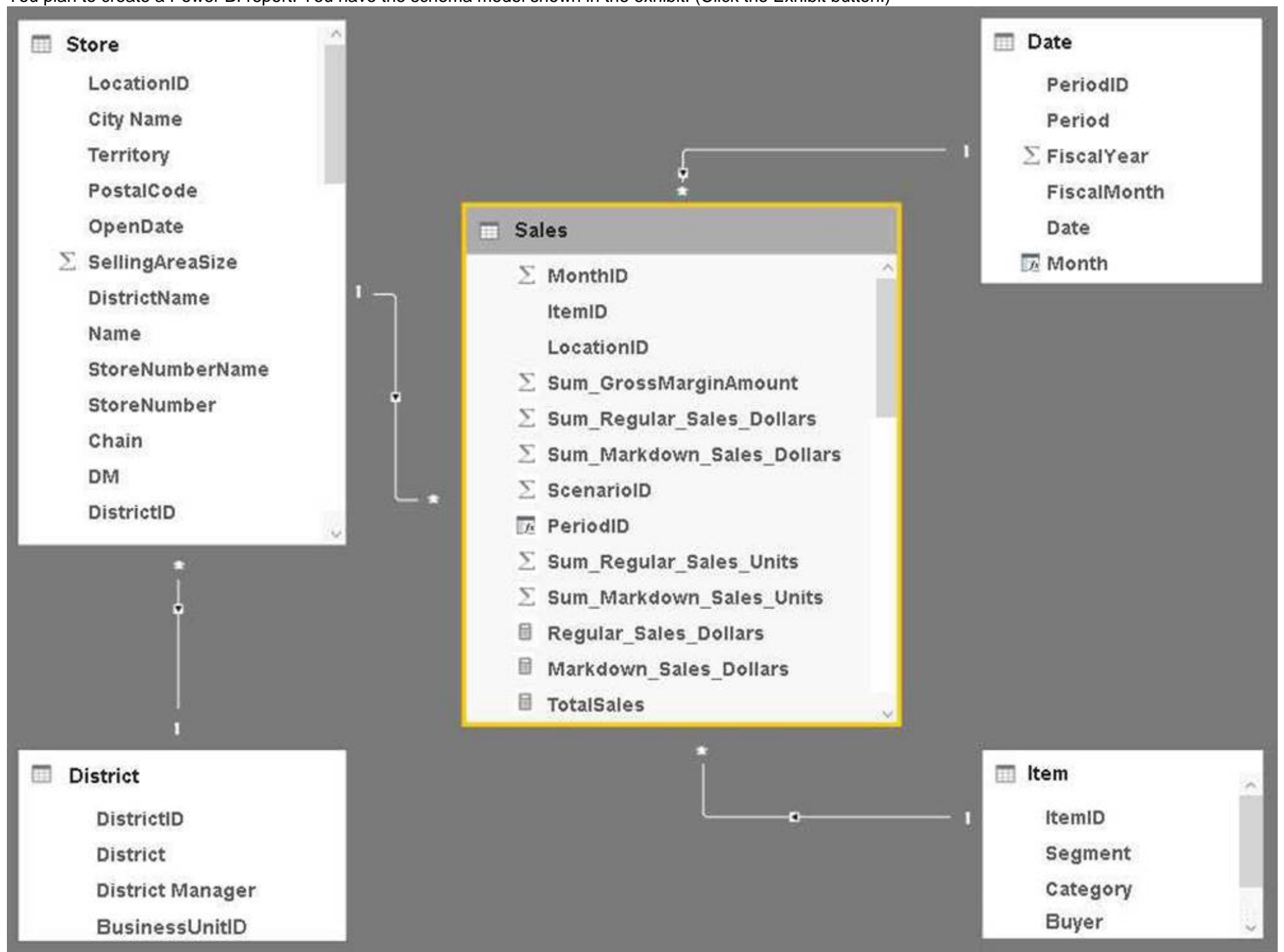
Answer: A

Explanation:

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

NEW QUESTION 83

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 87

You have a Power BI Desktop project that uses DirectQuery to access an on-premises Microsoft SQL Server database. From Power BI Desktop, you can query the database.

When you publish the Power BI Desktop project to the Power BI service, the visualizations cannot display the data. What should you do to resolve the issue?

- A. Locate the published dataset for the project in the Power BI service and configure the data source credentials.
- B. Install the on-premises data gateway (personal mode) and republish the project.
- C. Install the on-premises data gateway and configure a data source.
- D. Configure a Microsoft Azure ExpressRoute connection between the on-premises network and the Power BI service.

Answer: A

NEW QUESTION 90

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 Excel, click Publish to Power BI, and then click Export.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 94

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 98

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 100

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 101

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 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. Click Replace Errors... and enter a value of 0 Does this meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 102

You have a Microsoft Excel 2016 workbook that has a Power Pivot model. The model contains the following tables:

Product (Product_id, Product_Name)

Sales (Order_id, Order_Date, Product_id, Salesperson_id, Sales_Amount)

Salesperson (Salesperson_id, Salesperson_name, address)

The model has the following relationships:

Sales to Product

Sales to Salesperson

You create a new Power BI file and import the Power Pivot model.

You need to ensure that you can generate a report that displays the count of products sold by each salesperson. What should you do before you create the report?

- A. Create a many-to-one relationship between Product and Salesperson.
- B. For each relationship, change the Cardinality to One to One (1:1).
- C. Create a one-to-one relationship between Product and Salesperson.
- D. For each relationship, change the Cross filter direction to Both.

Answer: D

Explanation:

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

NEW QUESTION 106

You have the following two queries in Power BI Desktop:

- A query named Query1 that retrieves a table named SMB_Customers from a Microsoft SQL Server database
 - A query named Query2 that retrieves a table named Enterprise_Customers from an Oracle database Both tables have the same columns.
- You need to combine the data from SMB_Customers and Enterprise_Customers. Which command should you use?

- A. Combine Files
- B. Merge Columns
- C. Merge Queries
- D. Append Queries

Answer: D

Explanation:

References:
<http://radacad.com/append-vs-merge-in-power-bi-and-power-query>

NEW QUESTION 110

You have the datasets shown in the following graphic.

Dashboards Reports Workbooks Datasets					Showing 3 item(s)	Name (A-Z)
NAME	ACTIONS	LAST REFRESH	NEXT REFRESH	API ACCESS		
Dataset1	   	1/24/2018, 2:32:12 PM	N/A	Streaming		
Dataset1	   	1/24/2018, 2:32:12 PM	N/A	Hybrid		

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

When designing a dashboard that uses Dataset1, you can use [answer choice].

only report visualizations
only streaming data tiles
both report visualizations and streaming data tiles

When designing a dashboard that uses Dataset2, you can use [answer choice].

only report visualizations
only streaming data tiles
both report visualizations and streaming data tiles

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

References:
<https://docs.microsoft.com/en-us/power-bi/service-real-time-streaming>
<http://radacad.com/integrate-power-bi-into-your-application-part-6-real-time-streaming-and-push-data>

NEW QUESTION 111

You need to create a measure named YTDPreviousSales that will be used in a table visualization. YTDPreviousSales must show the year-to-date (YTD) sales of the previous year for the same month. A sample of the desired data is shown in the following table.

SalesAmount	YTDPreviousSales	Year	Month
\$ 400,000	\$ 515,000	2017	January
\$ 500,000	\$ 1,025,000	2017	February
\$ 480,000	\$ 1,505,000	2017	March
\$ 470,000	\$ 1,855,000	2017	April
\$ 500,000	\$ 2,255,000	2017	May
\$ 510,000	\$ 2,767,000	2017	June
\$ 425,000	\$ 3,242,000	2017	July
\$ 430,000	\$ 3,747,000	2017	August
\$ 200,000	\$ 4,227,000	2017	September
\$ 300,000	\$ 4,687,000	2017	October
\$ 320,000	\$ 5,152,000	2017	November
\$ 400,000	\$ 5,657,000	2017	December
\$ 415,000	\$ 400,000	2018	January
\$ 325,000	\$ 900,000	2018	February
\$ 435,000	\$ 1,380,000	2018	March

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

CALCULATE
CALENDAR
DATEADD
DATEDIFF
FILTER
TOTALYTD
YTD

Answer Area
YTDPreviousSales = (SUM(FactInternetSales[SalesAmount]),
 (DimDate[Date], -12, MONTH))

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

References:

<https://powerpivotpro.com/2016/01/year-to-date-in-previousprior-year/>

NEW QUESTION 115

.....

Thank You for Trying Our Product

* 100% Pass or Money Back

All our products come with a 90-day Money Back Guarantee.

* One year free update

You can enjoy free update one year. 24x7 online support.

* Trusted by Millions

We currently serve more than 30,000,000 customers.

* Shop Securely

All transactions are protected by VeriSign!

100% Pass Your 70-778 Exam with Our Prep Materials Via below:

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