



# Microsoft

## Exam Questions 70-778

Analyzing and Visualizing Data with Microsoft Power BI (beta)

#### NEW QUESTION 1

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 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

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 4

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

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

The Store table has a relationship to the Monthly\_returns table on the 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 5

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 6

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.

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### Answer Area

Columns to select:

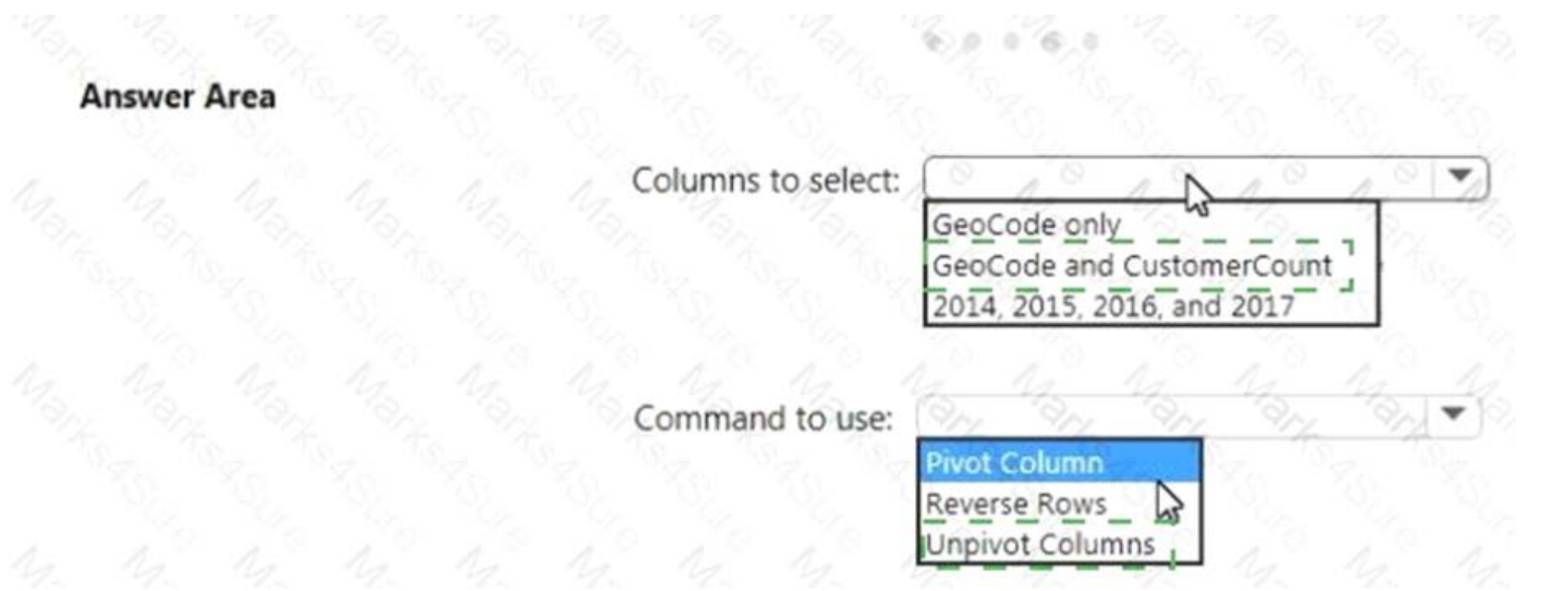
Command to use:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:





**NEW QUESTION 7**

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

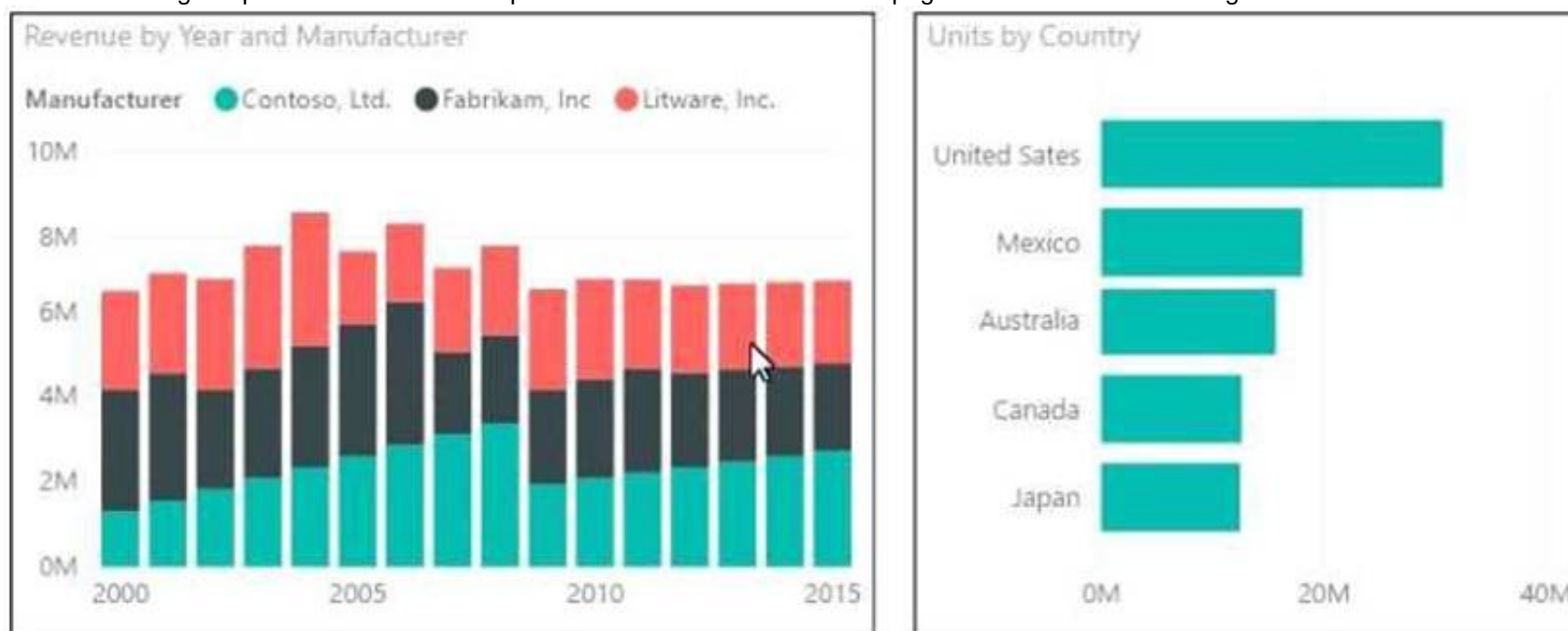
To make the content in Wingtip Sales available to users who have the free Power BI license, you must first [answer choice].

▼

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

### NEW QUESTION 8

You are creating a report in Power BI Desktop that has two visualizations on a page as shown in the following exhibit.



You need to ensure that when you click the bar of a country, only the values for that country are shown on the Revenue by Year and Manufacturer chart.

- A. Click the Revenue by Year and Manufacturer char
- B. On the Format tab, click Edit Interaction
- C. On the Units by Country chart, click Filter.

- D. Click the Revenue by Year and Manufacturer char
- E. On the Format tab, click Edit Interaction
- F. On the Units by Country chart, click Highlight.
- G. Click the Units by Country char
- H. On the Format tab, click Edit Interaction
- I. On the Revenue by Year and Manufacturer chart, click Filter.
- J. Click the Units by Country char
- K. On the Format tab, click Edit Interaction
- L. On the Revenue by Year and Manufacturer chart, click Highlight.

**Answer:** C

**Explanation:**

References:  
<https://docs.microsoft.com/en-us/power-bi/service-reports-visual-interactions>

**NEW QUESTION 9**

You have a Power BI dashboard that displays different visualizations of company sales. You enable Q&A on the dashboard. You need to provide users with sample questions that they can ask when using Q&A. Which settings should you modify from the Power BI Settings?

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

**Answer:** C

**Explanation:**

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

**NEW QUESTION 10**

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 10**

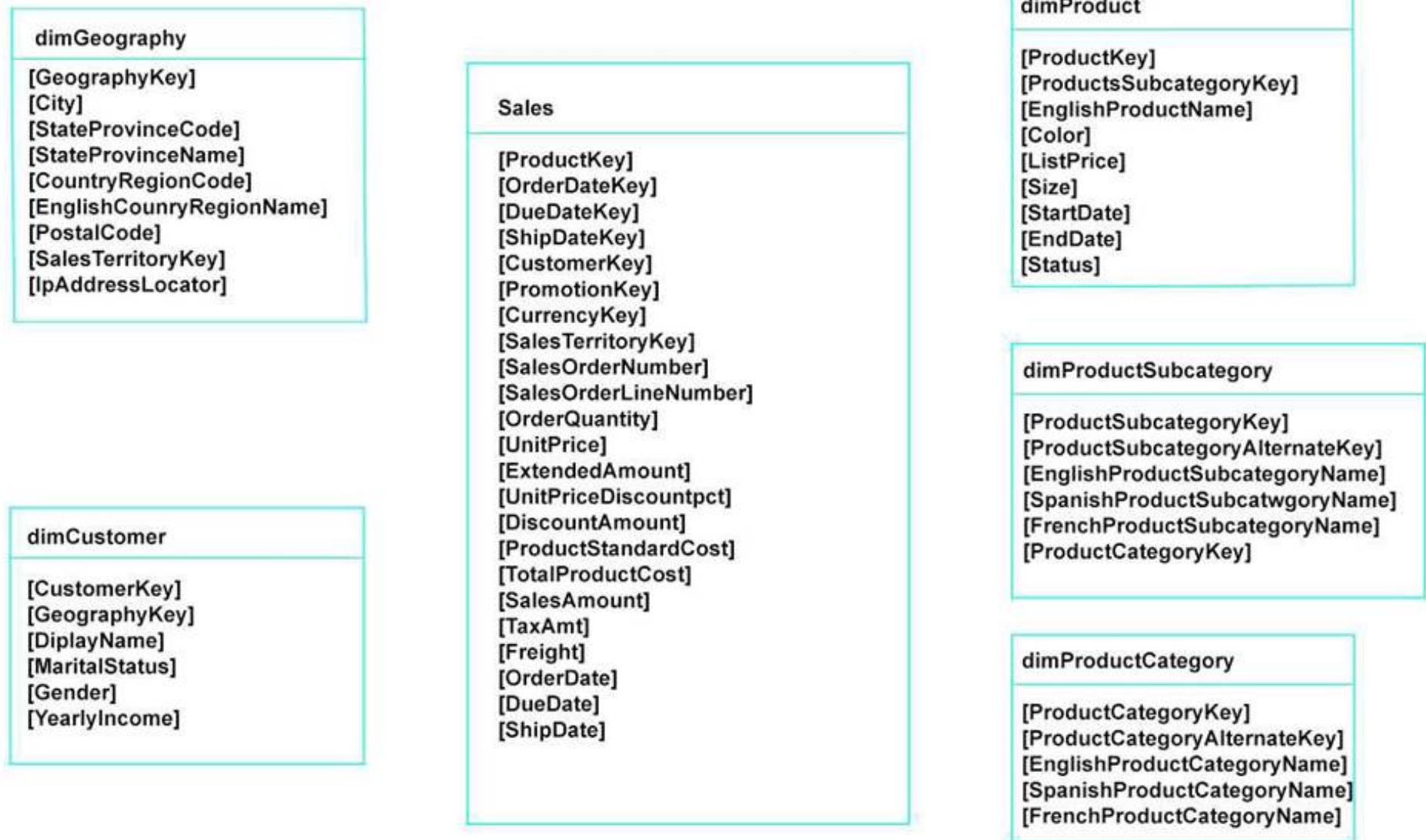
Note: This question is a part of a series of questions that present the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is exactly the same in each question in this series.

Start of repeated scenario

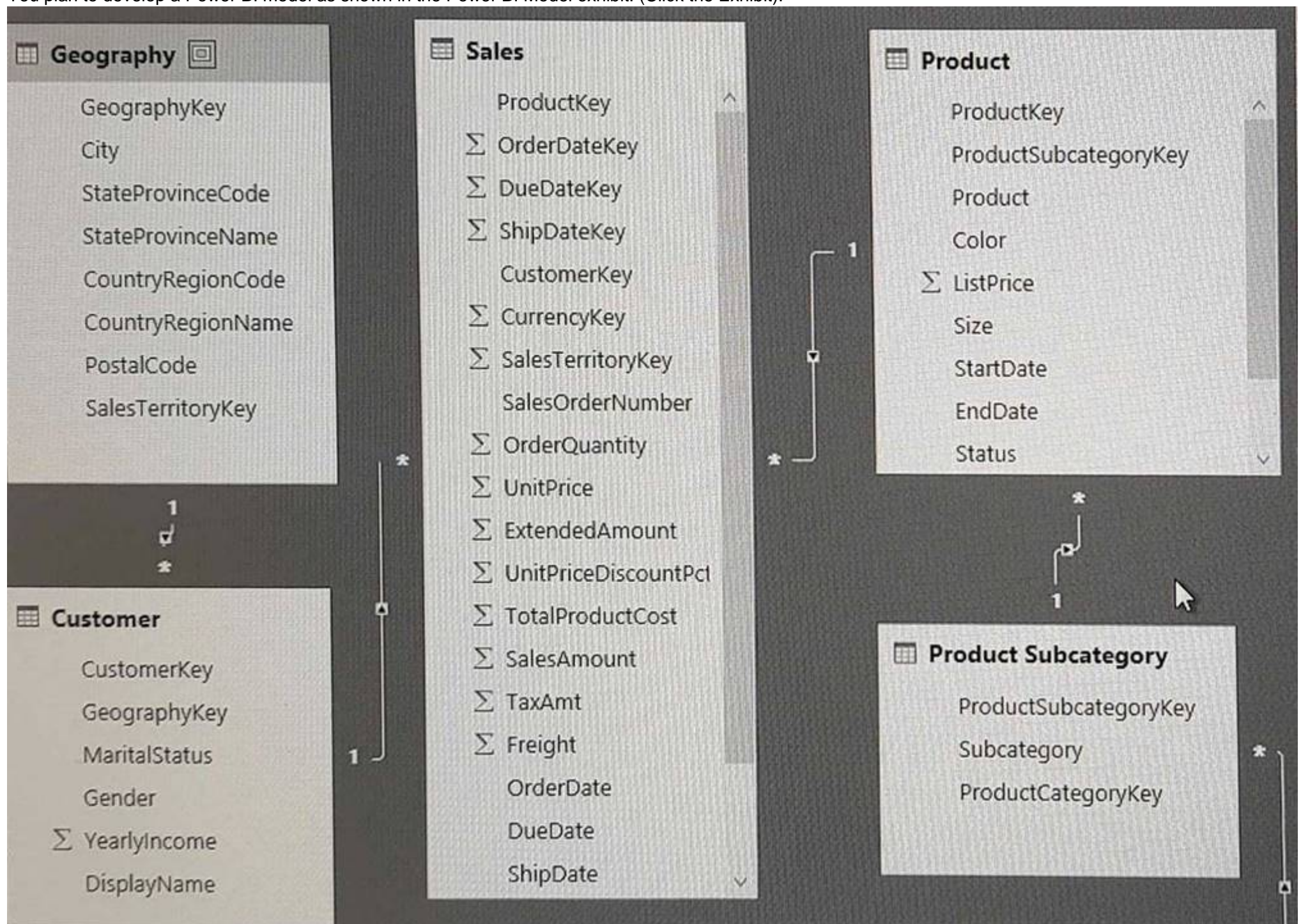
You have a Microsoft SQL Server database that has the tables shown in the Database Diagram exhibit. (Click the Exhibit.)



## 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 11**

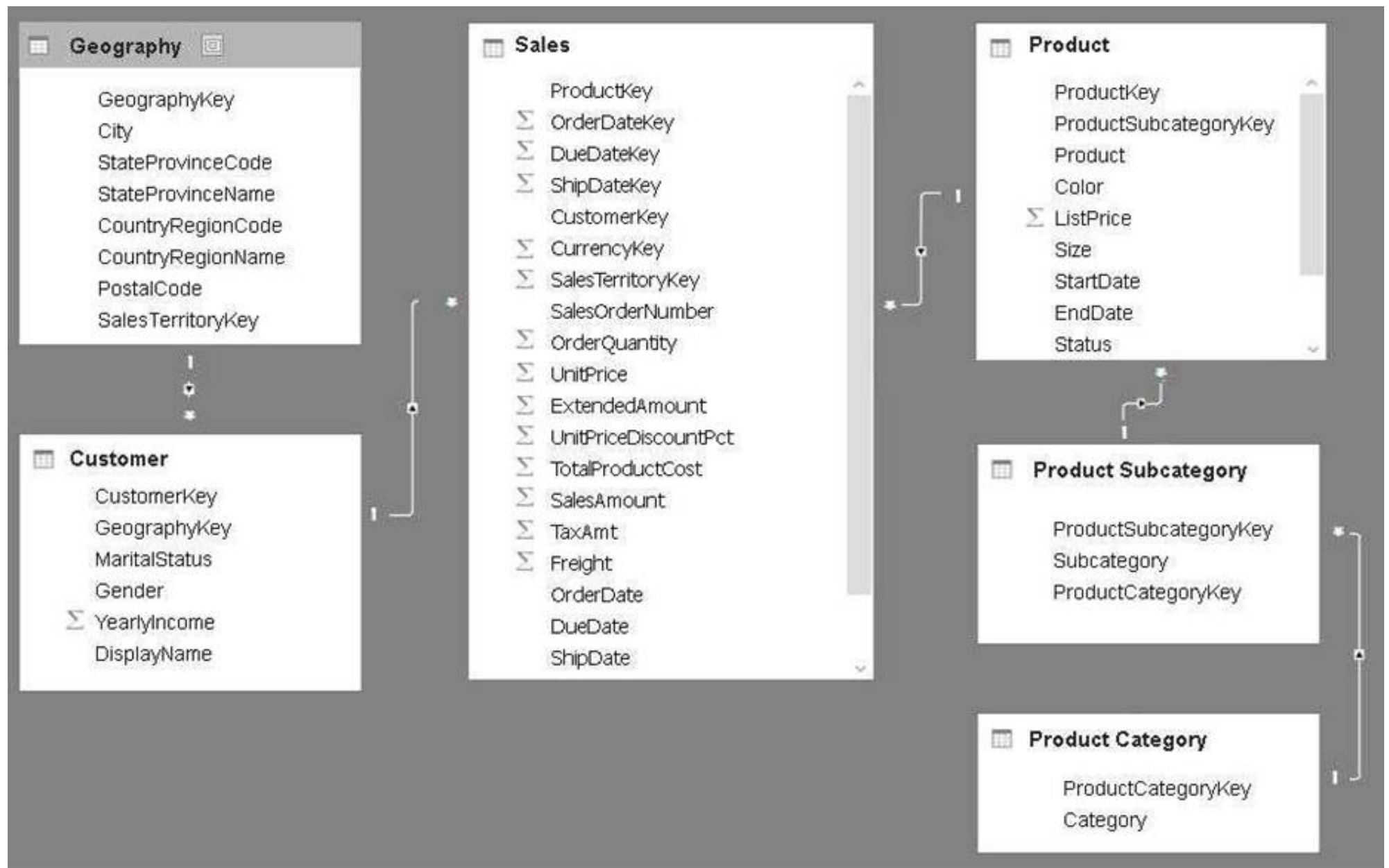
Note: This question is part of a series of questions that use the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is exactly the same in each question in this series.

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] [City] [StateProvinceCode] [StateProvinceName] [CountryRegionCode] [EnglishCountryRegionName] [PostalCode] [SalesTerritoryKey] [IpAddressLocator]</div>	<div>Sales</div> <div>[ProductKey] [OrderDateKey] [DueDateKey] [ShipDateKey] [CustomerKey] [PromotionKey] [CurrencyKey] [SalesTerritoryKey] [SalesOrderNumber] [SalesOrderLineNumber] [OrderQuantity] [UnitPrice] [ExtendedAmount] [UnitPriceDiscountPct] [DiscountAmount] ProductStandardCost] [TotalProductCost] [SalesAmount] [TaxAmt] [Freight] [OrderDate] [DueDate] [ShipDate]</div>	<div>dimProduct</div> <div>[ProductKey] [ProductSubcategoryKey] [EnglishProductName] [Color] [ListPrice] [Size] [StartDate] [EndDate] [Status]</div>
<div>dimCustomer</div> <div>[CustomerKey] [GeographyKey] [DisplayName] [MaritalStatus] [Gender] [YearlyIncome]</div>		<div>dimProductSubcategory</div> <div>[ProductSubcategoryKey] [ProductSubcategoryAlternateKey] [EnglishProductSubcategoryName] [SpanishProductSubcategoryName] [FrenchProductSubcategoryName] [ProductCategoryKey]</div>
		<div>dimProductCategory</div> <div>[ProductCategoryKey] [ProductCategoryAlternateKey] [EnglishProductCategoryName] [SpanishProductCategoryName] [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 14

You create a new app workspace. You add a user named User1 as a member of the workspace. User1 can edit content.

You plan to create a report in an app workspace that uses data from a Microsoft Azure SQL database.

You need to create the report. The solution must ensure that User1 can edit the report from Power BI Desktop and from powerbi.com.

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**

- From Power BI Desktop, publish the report to the Power BI service.
- From powerbi.com, add a dataset.
- From powerbi.com, create a report.
- From powerbi.com, publish the report to the web.
- From Power BI Desktop, create a report.
- From Power BI Desktop, add a data source.

Answer Area

➤

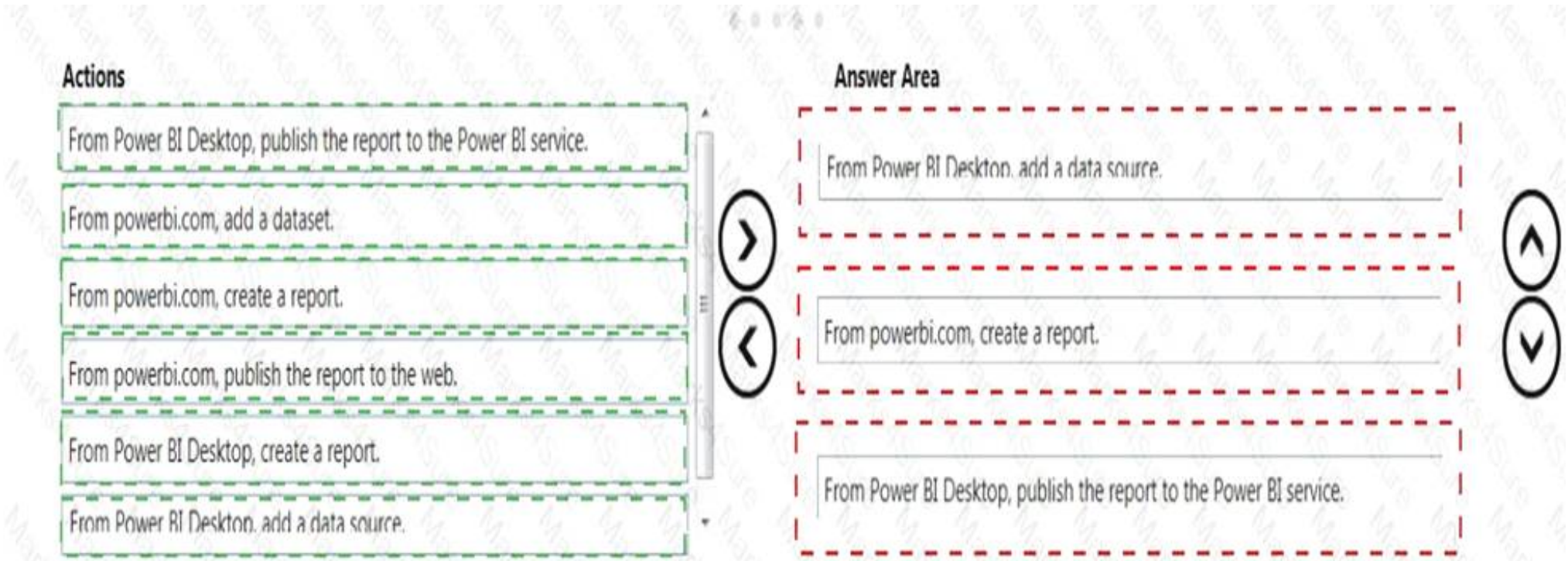
➤

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**





NEW QUESTION 18

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.

Value

{0,

Value

.FromEnd}}

([phone\_number], "x",

- A. Mastered
- B. Not Mastered

Answer: A

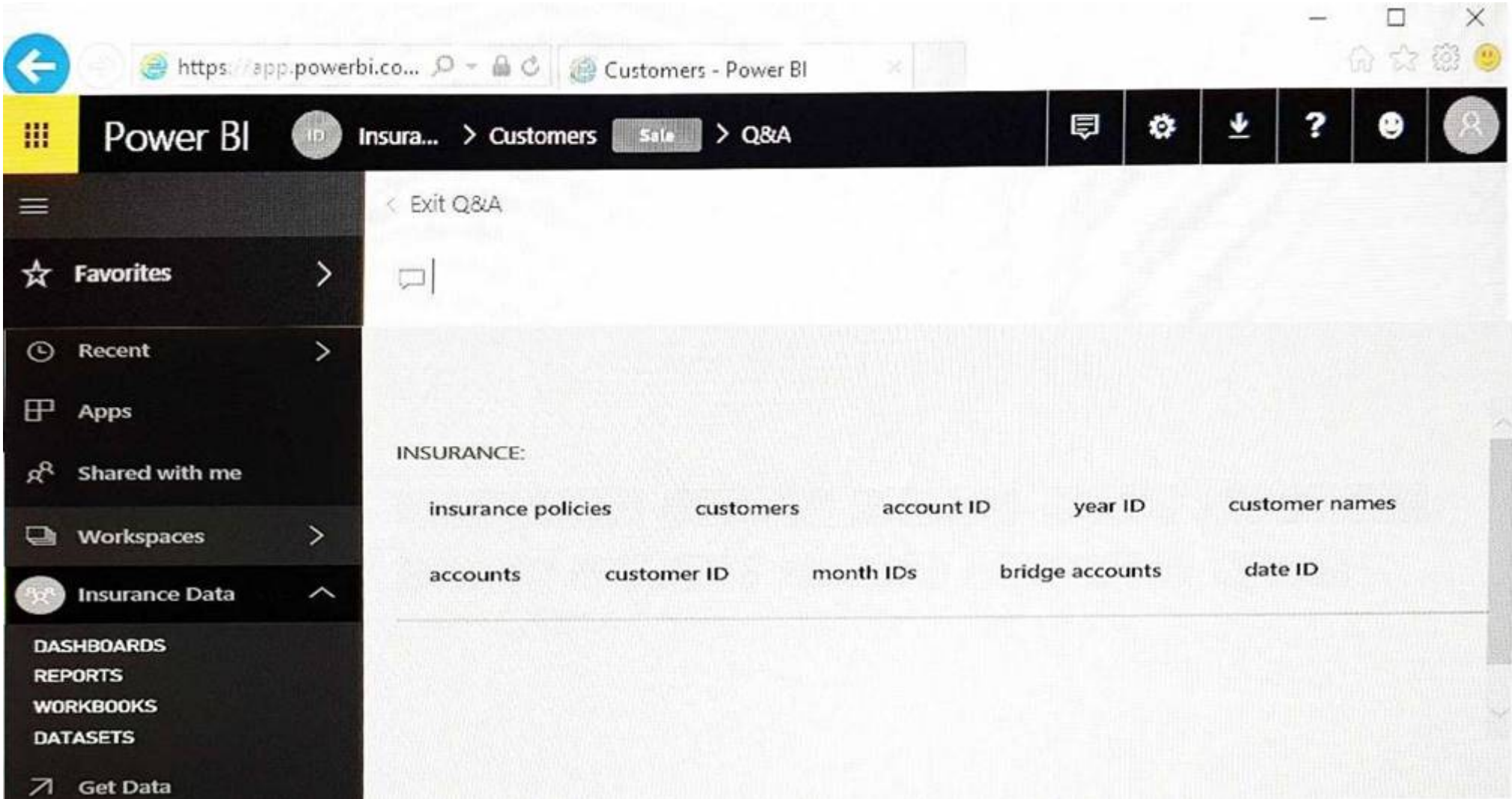
Explanation:

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

NEW QUESTION 19

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 22

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 26

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]

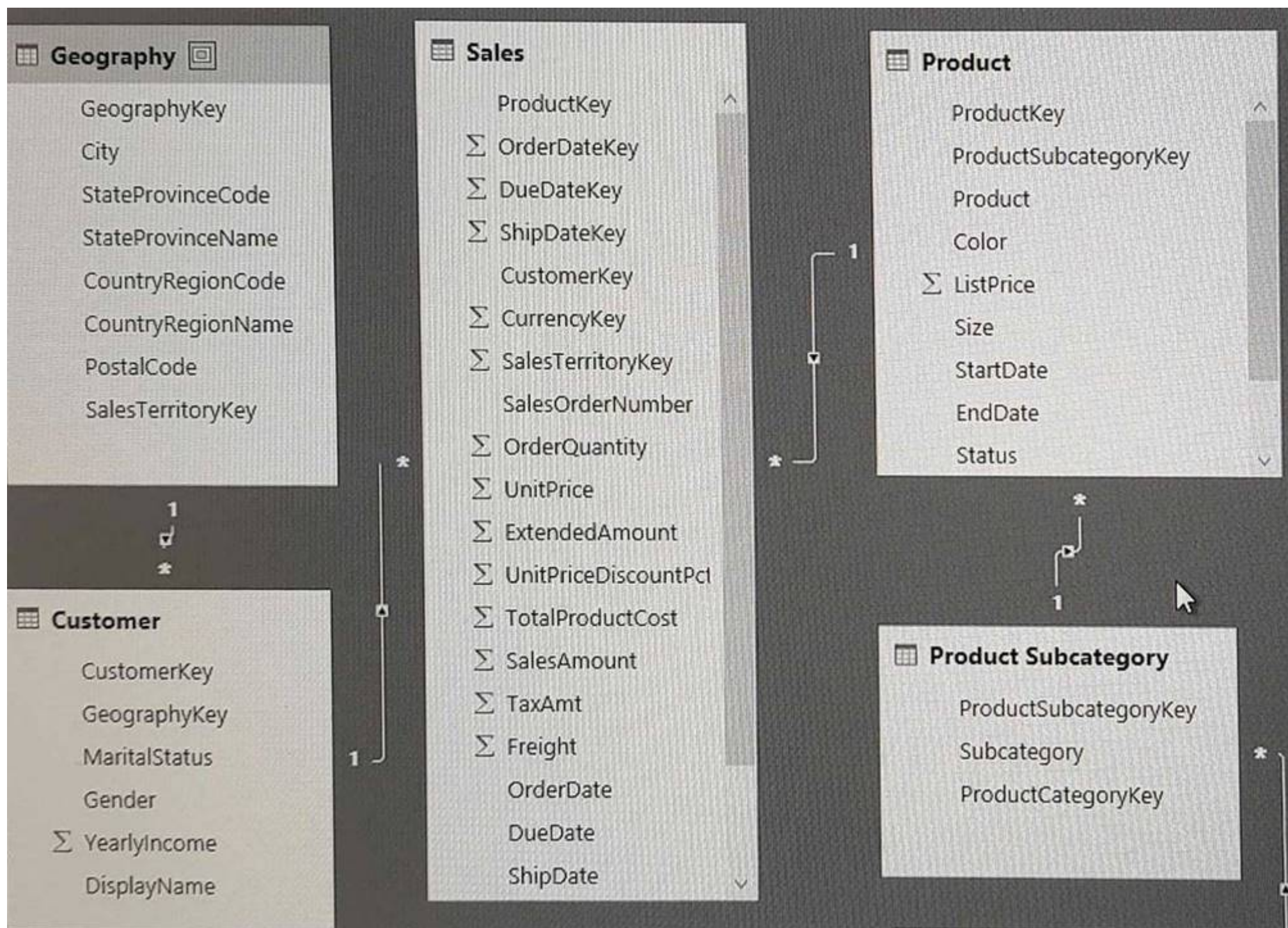
dimProduct
[ProductKey]
[ProductsSubcategoryKey]
[EnglishProductName]
[Color]
[ListPrice]
[Size]
[StartDate]
[EndDate]
[Status]

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

Table.Combine

Table.RemoveColumns

Table.RemoveRows

Table.RenameColumns

Table.ReorderColumns

Table.SelectColumns

## Answer Area

```
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 30**

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 34**

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 39**

You plan to deploy a Power BI app workspace that will be viewed by 10,000 users. You need to ensure that dashboard data can be updated every 30 minutes.

What should you do?

- A. Assign each user a Power BI Pro license.
- B. Store the dataset in Microsoft Azure Storage that uses the Premium storage tier.
- C. Create the app workspace by using an account that is assigned a Power BI Pro license.
- D. Configure the app workspace for Premium capacity.

**Answer:** D

**Explanation:**

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

**NEW QUESTION 43**

You have a table named Sales. A sample of the data in Sales is shown in the following table.

Sales OrderID (whole Number)	Product Name (Text)	OrderQty (whole Number)	OrderDate (Date)	UnitPrice (Decimal Number)	TotalPrice (Decimal Number)
71774	Bike	1	May 1, 2017	356.898	356.898
71774	Car	1	May 1, 2017	356.898	356.898
71775	Train	1	May 2, 2017	1430.442	1430.442
71775	Puzzle	3	May 2, 2017	63.9	191.7
71775	Skateboard	4	May 3, 2017	32.394	129.576
71776	Doll	1	May 4, 2017	63.9	63.9

You created a stacked column chart visualization that displays ProductName by Date. You discover that the axis for the visualization displays all the individual dates.

You need to ensure that the visualization displays ProductName by year and that you can drill down to see ProductName by week and day. What should you do first?

- A. Configure a visual filter for the Date column that uses an advanced filter.
- B. Create a new table that has columns for the date, year, week, and day.
- C. Create a new hierarchy in the Sales table.
- D. Format the virtualization and set the type of the X-Axis to Categorical.

**Answer:** B

**Explanation:**

References:

<https://docs.microsoft.com/en-us/power-bi/power-bi-report-add-filter#add-a-filter-to-a-specific-visualization-aka>

**NEW QUESTION 46**

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 51**

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 56**

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 are modifying the model to report on the number of order. You need to calculate the number of orders.

What should you do?

- A. Create a calculated measure that uses the COUNTA(Order\_ID) DAX formula.
- B. Create a calculated measure that uses the SUM (Order\_ID) DAX formula.
- C. Create a calculated column that uses the SUM (Order\_ID) DAX formula.
- D. Create a calculated column that uses the COUNTA (Order\_ID) DAX formula.

**Answer:** B

**Explanation:**

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

#### 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]

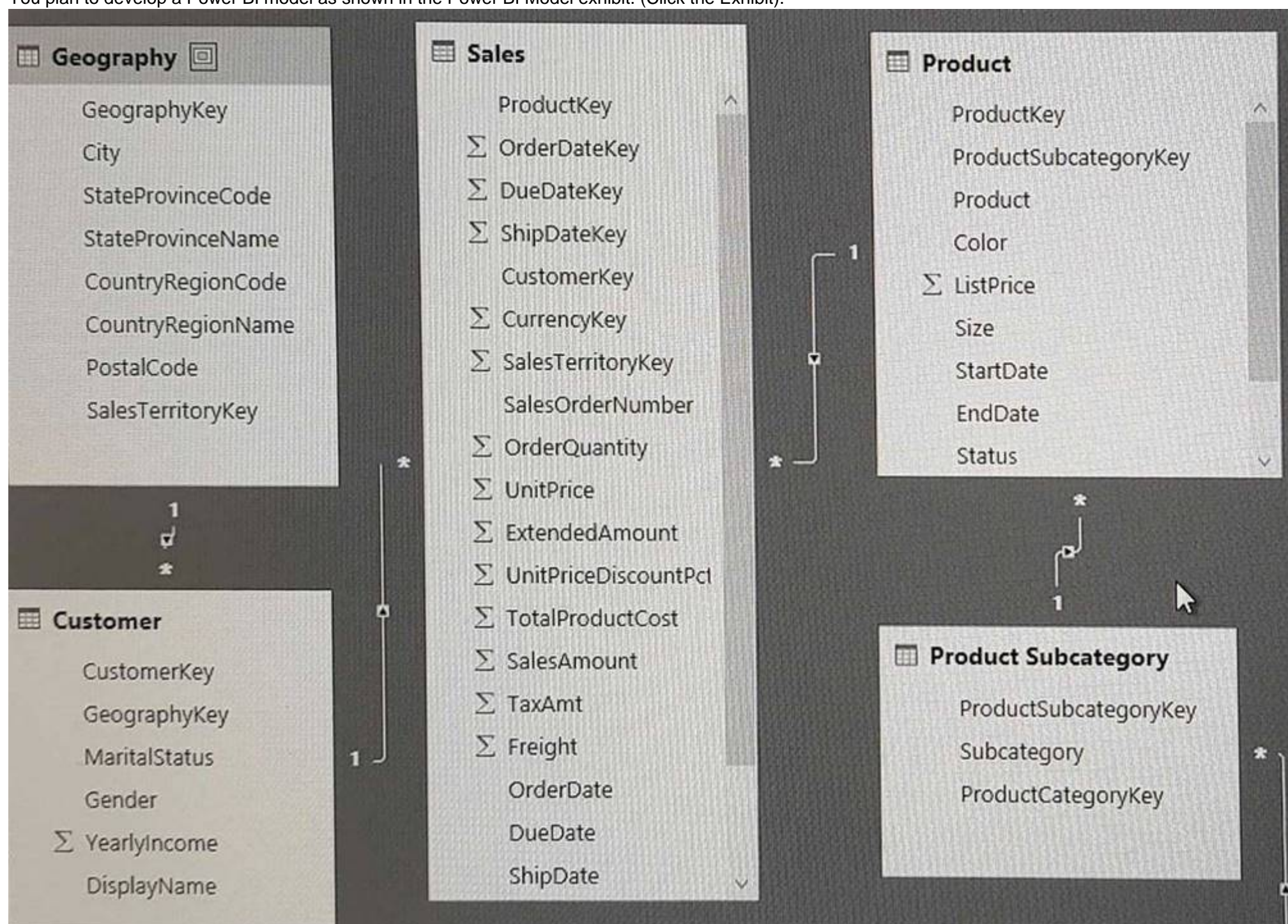
Sales
[ProductKey]
[OrderDateKey]
[DueDateKey]
[ShipDateKey]
[CustomerKey]
[PromotionKey]
[CurrencyKey]
[SalesTerritoryKey]
[SalesOrderNumber]
[SalesOrderLineNumber]
[OrderQuantity]
[UnitPrice]
[ExtendedAmount]
[UnitPriceDiscountpct]
[DiscountAmount]
[ProductStandardCost]
[TotalProductCost]
[SalesAmount]
[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 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 62

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 PowerB1. 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 Power BI Admin portal, you modify the Tenant settings.

- A. Yes
- B. No

**Answer:** B

#### NEW QUESTION 64

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 Microsoft Azure Active Directory, you remove the Power BI license from User1. Does this meet the goal?

- A. Yes
- B. No

**Answer:** A

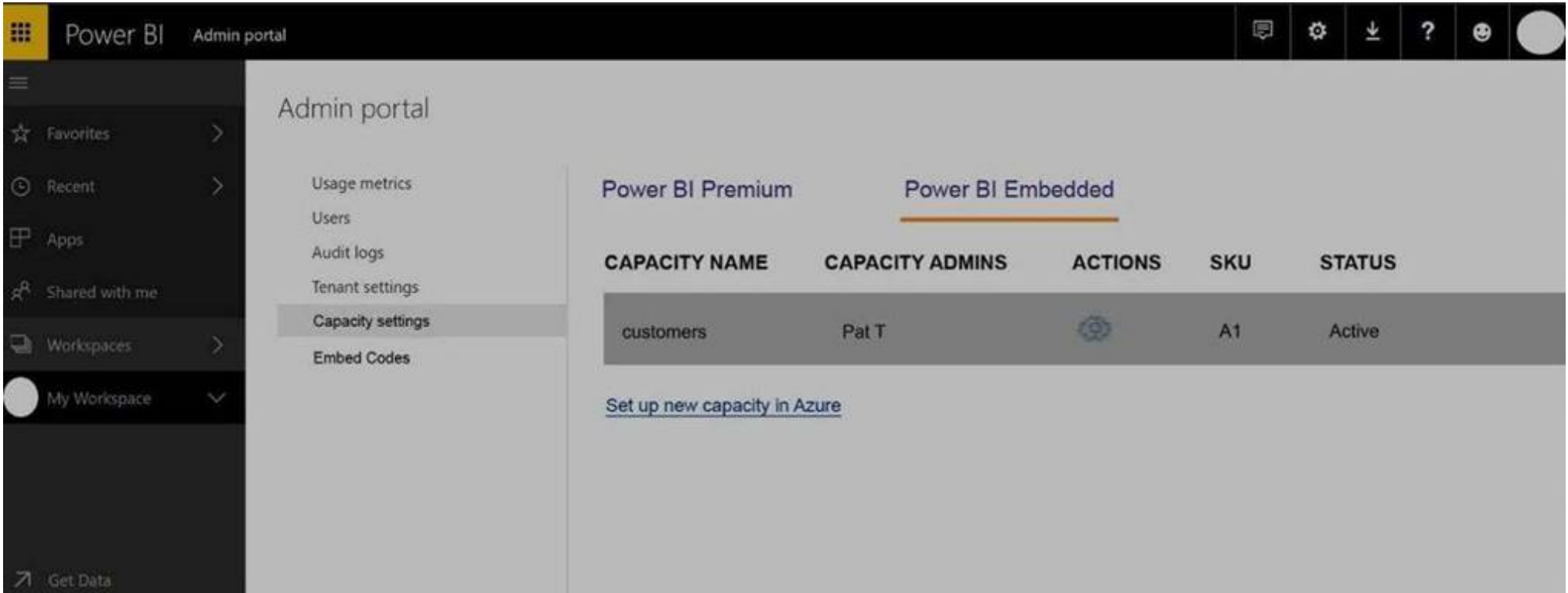
**Explanation:**

References:

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

#### NEW QUESTION 66

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 69

You have a Microsoft Excel 2016 workbook that has a Power Pivot model. The model contains the following tables:  
Product (Product\_id, Producct\_Name)  
Sales (Order\_id, Order\_Date, Product\_id, Selasperson\_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 relashionship, change the Cardinality to One to One (1:1).
- C. Create a one-to-one relashionship between Product and Salesporson.
- 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>

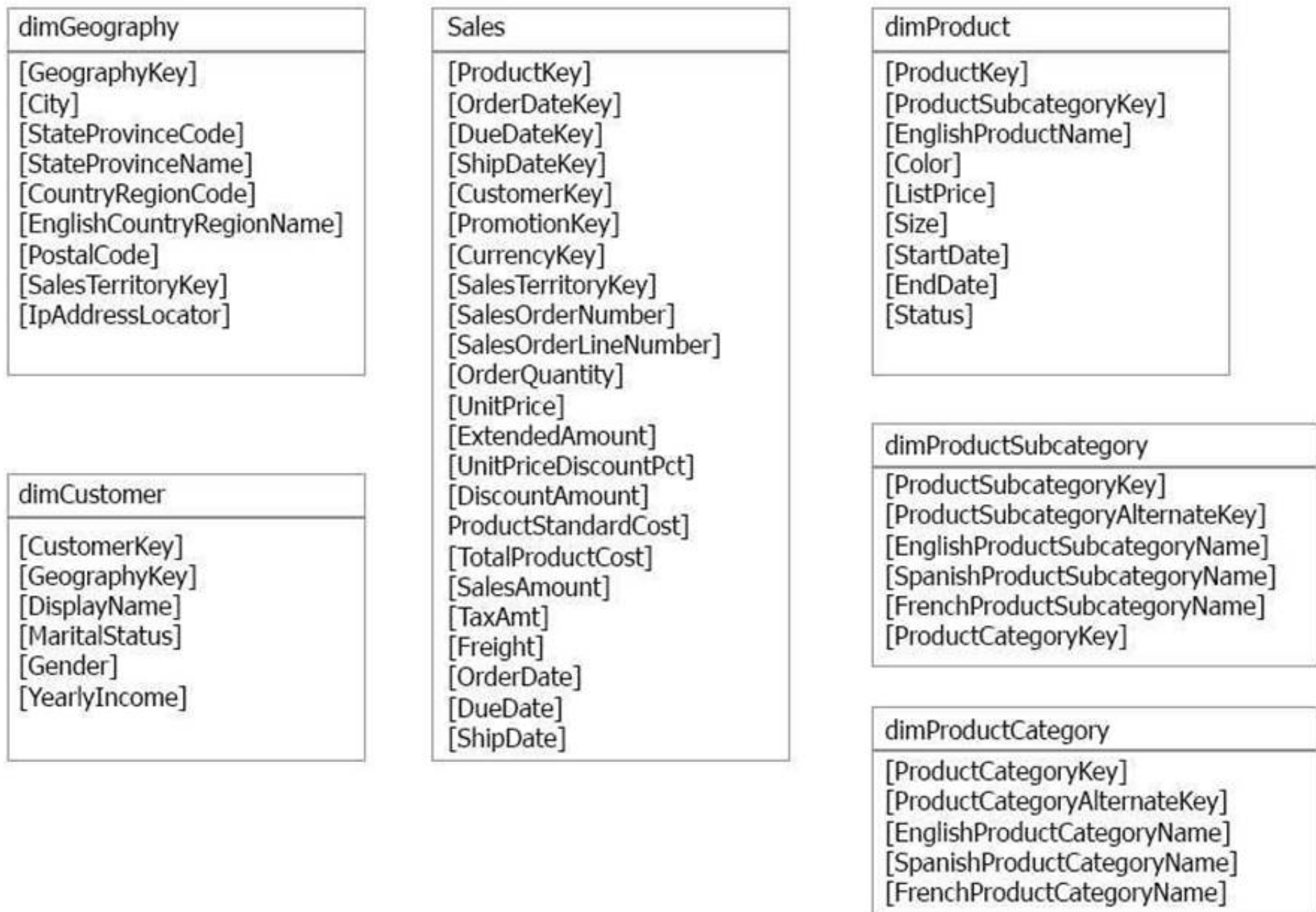
NEW QUESTION 70



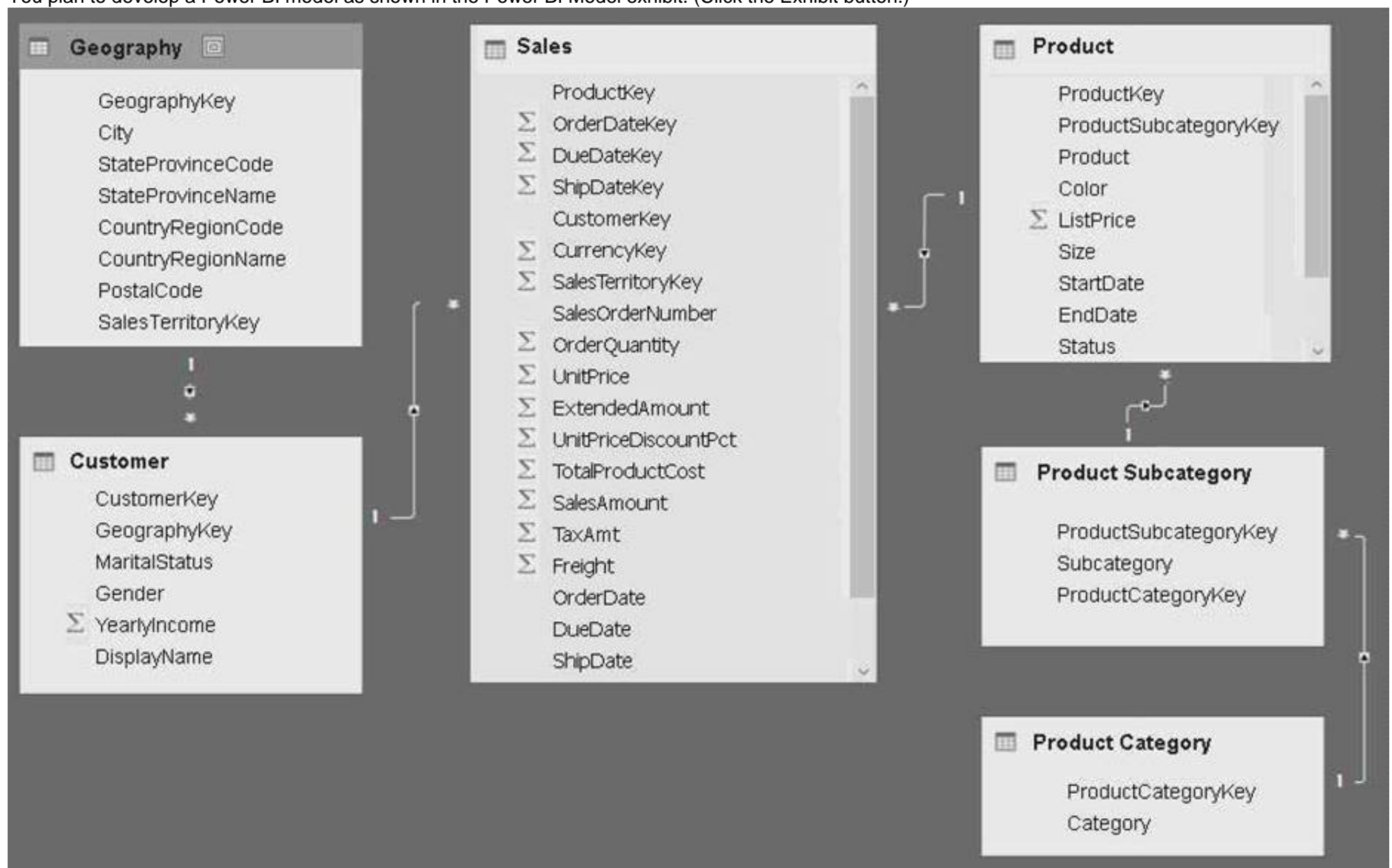
Note: This question is part of a series of questions that use the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is exactly the same in each question in this series.

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.)



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 need to create a hierarchy that has Category, Subcategory, and Product.  
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.  
NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

Actions

To the Product Subcategory table, add a calculated measure that uses the `RELATED (' Product Category' [Category])` DAX function.

To the Product table, add a column named Category that uses the `RELATED (' Product Category' [Category])` DAX function.

To the Product table, add a calculated measure that uses the `RELATED (' Product Category' [Category])` DAX function.

Create a hierarchy.

To the Product table, add a column named SubCategory that uses the `RELATED (' Product Subcategory' [Subcategory])` DAX function.

To the Product Subcategory table, add a column named Category that uses the `RELATED (' Product Category' [ProductCategoryKey])` DAX function.

Answer Area

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

References:  
<https://intelligentsql.wordpress.com/2013/05/08/tabular-hierarchies-across-multiple-tables/> <https://www.desertislesql.com/wordpress1/?p=1629>

NEW QUESTION 74

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