Exam Questions PL-300

Microsoft Power BI Data Analyst

https://www.2passeasy.com/dumps/PL-300/

NEW QUESTION 1
- (Exam Topic 1)
You need to create a calculated column to display the month based on the reporting requirements. Which DAX expression should you use?

A. FORMAT('Date'[date], "MMM YYYY")
B. FORMAT('Date' [date], "M YY")
C. FORMAT('Date'[date_id], "MMM") & "" & FORMAT('Date'[year], "#")
D. FORMAT('Date' [date_id], "MMM YYYY")

Answer: A

NEW QUESTION 2
- (Exam Topic 1)
You need to create the required relationship for the executive's visual. What should you do before you can create the relationship?

A. Change the data type of Sales[region_id] to Whole Number.
B. In the Sales table, add a measure for sum(sales_amount).
C. Change the data type of sales[sales_id] to Text.
D. Change the data type of sales [region_id] to Decimal Number.

Answer: A

Explanation:
Scenario: Executives require a visual that shows sales by region.
Need to change the sales_id column from Varchar to Whole Number (Integer).

NEW QUESTION 3
- (Exam Topic 1)
You need to create a relationship between the Weekly_Returns table and the Date table to meet the reporting requirements of the regional managers. What should you do?

A. In the Weekly.Returns table, create a new calculated column named date-id in a format of yyyymmdd and use the calculated column to create a relationship to the Date table.
B. Add the Weekly_Returns data to the Sales table by using related DAX functions.
C. Create a new table based on the Date table where date-id is unique, and then create a many-to-many relationship to Weekly_Return.

Answer: A

Explanation:
Scenario: Region managers require a visual to analyze weekly sales and returns. To relate the two tables we need a common column.

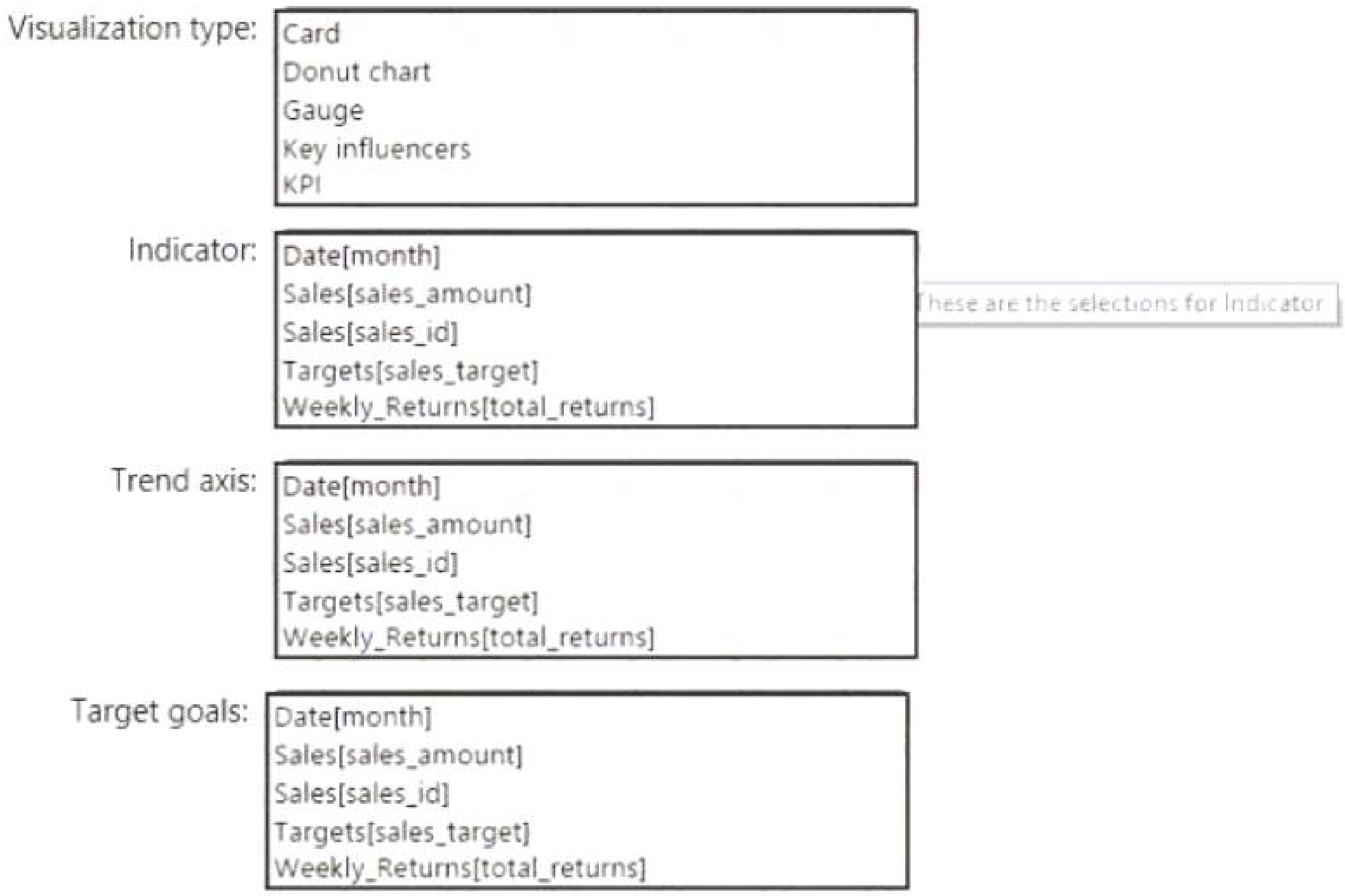
NEW QUESTION 4
- (Exam Topic 1)
You need to provide a solution to provide the sales managers with the required access. What should you include in the solution?

A. Create a security role that has a table filter on the Sales_Manager table whereusername = UserName()
B. Create a security role that has a table filter on the Region_Manager table where sales_manager_id = UserPrincipalName().
C. Create a security role that has a table filter on the Sales_Manager table where name = UserName().
D. Create a security role that has a table filter on the Sales_Manager table where username = sales_manager_id.

Answer: A

Explanation:
https://powerbi.microsoft.com/en-us/blog/using-username-in-dax-with-row-level-security/

NEW QUESTION 5
- (Exam Topic 1)
You need to create a visualization to meet the reporting requirements of the sales managers.
How should you create the visualization? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Scenario: The sales managers require a visual to analyze sales performance versus sales targets. Box 1: KPI
A Key Performance Indicator (KPI) is a visual cue that communicates the amount of progress made toward a measurable goal.
Box 2: Sales[sales_amount]
Box 3: Date[month]
Time > FiscalMonth. This value will represent the trend. Box 4: Targets[sales_target]
Reference:
https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-kpi

NEW QUESTION 6
- (Exam Topic 1)
You need to create relationships to meet the reporting requirements of the customer service department. What should you create?

A. an additional date table named ShipDate, a one-to-many relationship from Sales[sales_date_id] to Date[date_id], and a one-to-many relationship from Sales[sales_ship_date_id] to ShipDate[date_id]
B. an additional date table named ShipDate, a many-to-many relationship from Sales[sales_date_id] to Date[date_id], and a many-to-many relationship from Sales[sales_ship_date_id] to ShipDate[date_id]
C. a one-to-many relationship from Date[date_id] to Sales[sales_date_id] and another one-to-many relationship from Date[date_id] to Weekly_Returns[week_id]
D. a one-to-many relationship from Sales[sales_date_id] to Date[date_id] and a one-to-many relationship from Sales[sales_ship_date_id] to Date[date_id]
E. a one-to-many relationship from Date[date_id] to Sales[sales_date_id] and another one-to-many relationship from Date[date_id] to Sales[sales_ship_date_id]

Answer: A

Explanation:
Scenario: The customer service department requires a visual that can be filtered by both sales month and ship month independently.
Reference:
https://docs.microsoft.com/en-us/power-bi/transform-model/desktop-relationships-understand

NEW QUESTION 7
- (Exam Topic 2)
How should you distribute the reports to the board? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Grant access by:
- Sharing individual reports
- Using a workspace membership
- Using an app

Grant access to:
- A dynamic distribution list
- A mail-enabled security group
- Individual user emails

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Using a workspace membership Scenario:
The company wants to provide a single package of reports to the board that contains custom navigation and links to supplementary information.
Note: Workspace is a shared environment for a group of people. You can have multiple Power BI content in a workspace. One workspace can have hundreds of dashboards, reports, and datasets in it.
Box 2: A mail-enabled security group Scenario: Security Requirements
The reports must be made available to the board from powerbi.com. A mail-enabled security group will be used to share information with the board.

NEW QUESTION 8
- (Exam Topic 3)
You need to minimize me size of the dataset. The solution must meet the report requirements What should you do?

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

Answer: D

NEW QUESTION 9
- (Exam Topic 3)
You need to create the On-Time Shipping report. The report must include a visualization that shows the percentage of late orders.
Which type of visualization should you create?

A. bar chart
B. scatterplot
C. pie chart

Answer: A

Explanation:
Scenario: The On-Time Shipping report will show the following metrics for a selected shipping month or quarter:
The percentage of orders that were shipped late by country and shipping region Customers that had multiple late shipments during the last quarter
Note: Bar and column charts are some of the most widely used visualization charts in Power BI. They can be used for one or multiple categories. Both these chart types represent data with rectangular bars, where the size of the bar is proportional to the magnitude of data values.
The difference between the two is that if the rectangles are stacked horizontally, it is called a bar chart. If the rectangles are vertically aligned, it is called a column chart.
Reference:
https://www.pluralsight.com/guides/bar-and-column-charts-in-power-bi

NEW QUESTION 10
- (Exam Topic 3)
You need to configure access for the sales department users. The solution must me meet the security requirements. What should you do?

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

Answer: D

NEW QUESTION 10
- (Exam Topic 3)

You need to design the data model and the relationships for the Customer Details worksheet and the Orders table by using Power BI. The solution must meet the report requirements.
For each of the following statement, select Yes if the statement is true, Otherwise, select No. NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
A relationship must be created between the CustomerID column in the Customer Details worksheet and the CustomerID column in the Orders table.	○	○
The Data Type of the columns in the relationship between the Customer Details worksheet and the Orders table must be set to **Text**.	○	○
The Region field used to filter the Top Customers report must come from the Orders table.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
A relationship must be created between the CustomerID column in the Customer Details worksheet and the CustomerID column in the Orders table.	●	○
The Data Type of the columns in the relationship between the Customer Details worksheet and the Orders table must be set to **Text**.	○	●
The Region field used to filter the Top Customers report must come from the Orders table.	●	○

NEW QUESTION 11
- (Exam Topic 3)
You need to create a measure that will return the percentage of late orders.
How should you complete the DAX expression? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

```
Late Orders Percent =
VAR OrderCount =
    COUNTROWS ( 'Orders' )
VAR LateOrders =
    [▼ SUM | COUNTX | CALCULATE | CALCULATETABLE]
        COUNTROWS ( 'Orders' ),
        [▼ FILTER | ALLEXCEPT | CALCULATE | DATESBETWEEN] (Order, [▼ Orders[OrderDate] > Orders[RequiredDate] | Orders[ShippedDate] >= Orders[OrderDate] | Orders[ShippedDate] < Orders[RequiredDate] | Orders[ShippedDate] > Orders[RequiredDate]]
    )
RETURN
    DIVIDE ( LateOrders, OrderCount )
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface, application Description automatically generated
Box 1: CALCULATE

CALCULATE evaluates an expression in a modified filter context. Syntax: CALCULATE(<expression>[, <filter1> [, <filter2> [, …]]]) Expression - The expression to be evaluated.
filter1, filter2,… (Optional) Boolean expressions or table expressions that defines filters, or filter modifier functions.
Box 2: FILTER
FILTER returns a table that represents a subset of another table or expression. Syntax: FILTER(<table>,<filter>)
Table- The table to be filtered. The table can also be an expression that results in a table.
Filter - A Boolean expression that is to be evaluated for each row of the table. For example, [Amount] > 0 or [Region] = "France"
Box 3: Orders[ShippedDate]> Orders[RequiredDate]
Northwind Traders defines late orders as those shipped after the required shipping date. Reference:
https://docs.microsoft.com/en-us/dax/calculate-function-dax https://docs.microsoft.com/en-us/dax/filter-function-dax

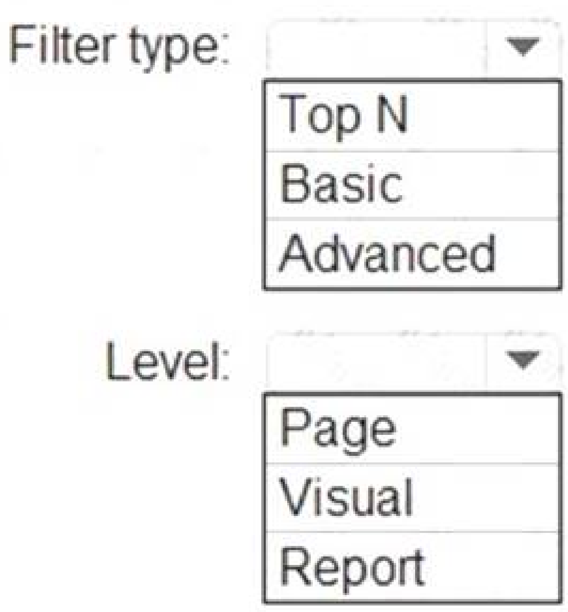
NEW QUESTION 16
- (Exam Topic 3)
You need to create a solution to meet the notification requirements of the warehouse shipping department. What should you do? To answer, select the appropriate options in the answer area.
NOTE: Each correct select is worth one point:

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 21
- (Exam Topic 3)
You need to create the Top Customers report.
Which type of filter should you use, and at which level should you apply the filter? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.



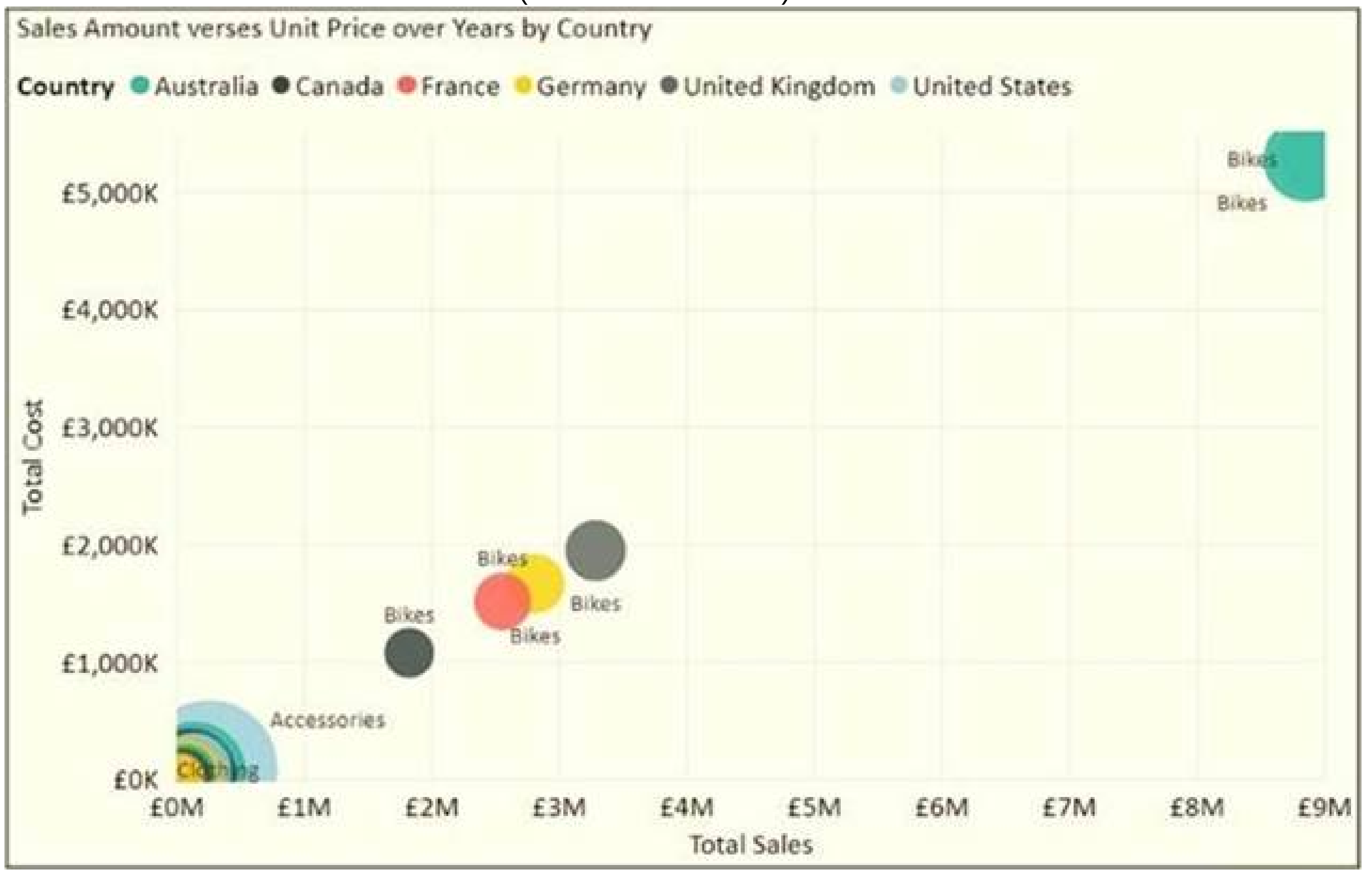
A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface Description automatically generated with low confidence
Box 1: Top N

Scenario: The Top Customers report will show the top 20 customers based on the highest sales amounts in a selected order month or quarter, product category, and sales region.
Once you drag to SKU to Visual level filter you should get Top N option Note: The two most common filter types: automatic and manual.
Then there are more advanced filters. Box 2: Visual
Once you drag to SKU to Visual level filter you should get Top N option. Reference:
https://powerbidocs.com/2020/01/21/power-bi-top-n-filters/

NEW QUESTION 25
- (Exam Topic 4)
You have the visual shown in the exhibit. (Click the Exhibit tab.)



You need to show the relationship between Total Cost and Total Sales over time. What should you do?

A. Add a play axis.
B. Add a slicer for the year.
C. From the Analytics pane, add an Average line.
D. Create a DAX measure that calculates year-over-year growth.

Answer: A

Explanation:
You can set up a date field in play axis, and then scatter chart will animate how measure values are compared to each other in each point of a time.
Reference:
https://radacad.com/storytelling-with-power-bi-scatter-chart

NEW QUESTION 29
- (Exam Topic 4)
You are enhancing a Power BI model that has DAX calculations.
You need to create a measure that returns the year-to-date total sales from the same date of the previous calendar year.
Which DAX functions should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

```
Sales PYTD =
VAR startyear =
     STARTOFYEAR ( PREVIOUSYEAR ( 'Date' [Date] ) )
VAR enddate =
     LASTDATE ( Sales[Date] ) - 365
RETURN
     [          ▼] ( Sales[Sales] ),
     CALCULATE (
     DATESBETWEEN (
     SAMEPERIODLASTYEAR (
     SLIM (
     [          ▼] ( 'Calendar'[Date], startyear, enddate )
     CALCULATE
     DATESBETWEEN
     SAMEPERIODLASTYEAR
     SLIM
     )
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Reference:
https://www.kasperonbi.com/get-the-ytd-of-the-same-period-last-year/

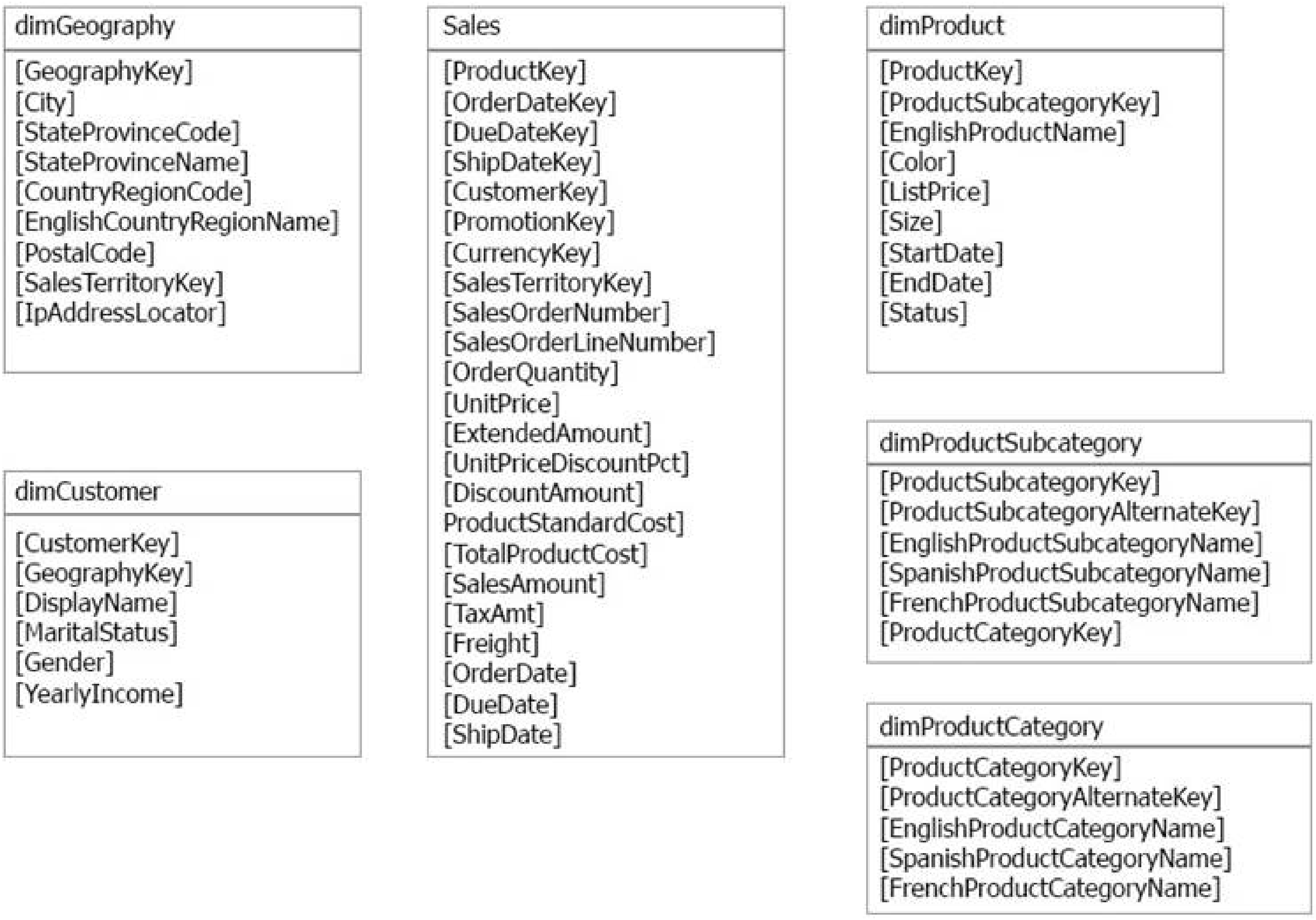
NEW QUESTION 30
- (Exam Topic 4)
You are developing a report page. Some users will navigate the report by using a keyboard, and some users will consume the report by using a screen reader.
You need to ensure that the users can consume the content on a report page in a logical order. What should you configure in Microsoft Power BI Desktop?

A. the bookmark order
B. the layer order
C. the tab order
D. the X position

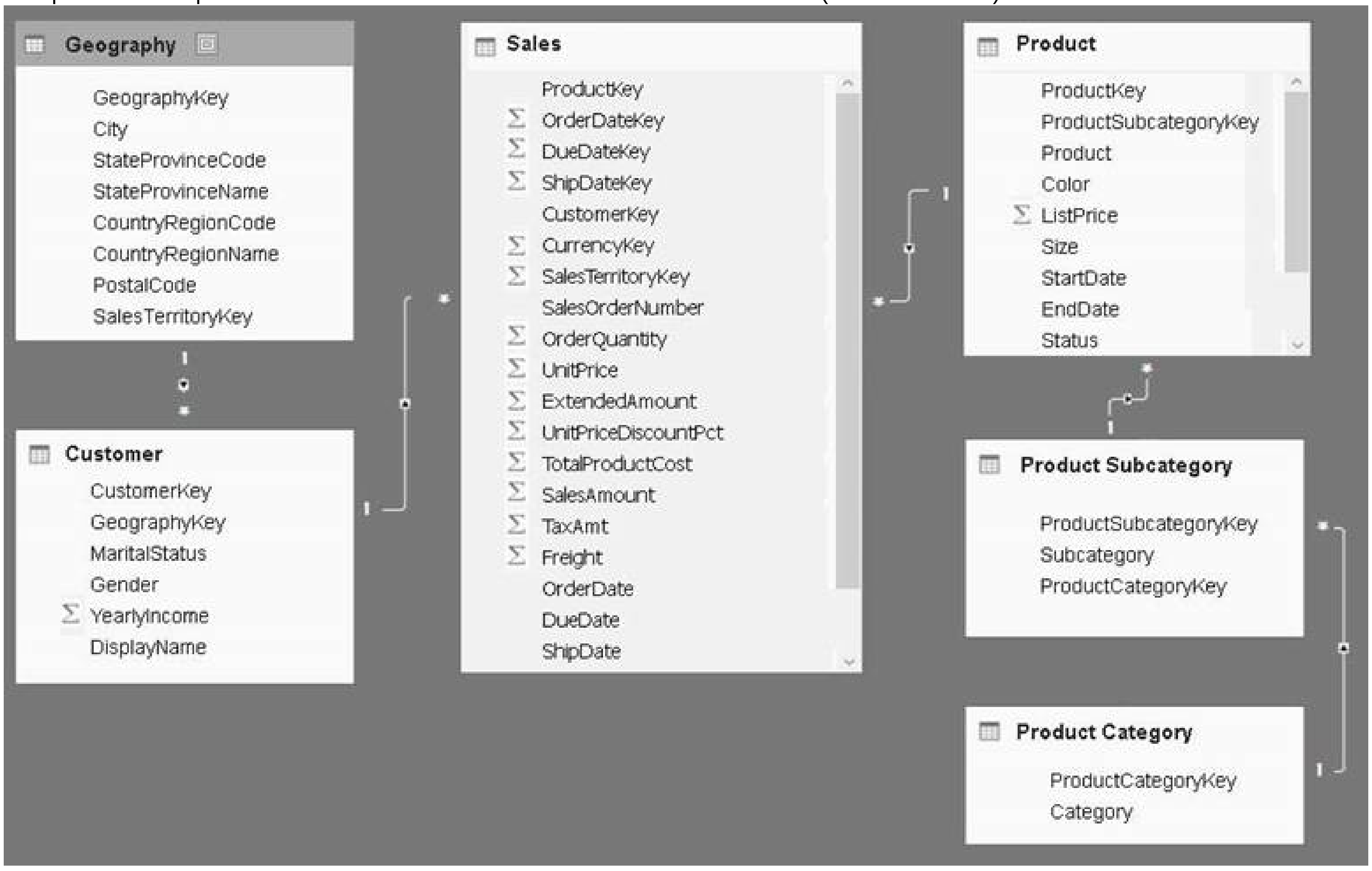
Answer: C

Explanation:
If you find yourself unable to navigate to an object or visual while using a keyboard, it may be because the report author has decided to hide that object from the tab order. Report authors commonly hide decorative objects from the tab order. If you find that you cannot tab through a report in a logical manner, you should contact the report author. Report authors can set the tab order for objects and visuals.
Reference:
https://docs.microsoft.com/en-us/power-bi/create-reports/desktop-accessibility-consuming-tools

NEW QUESTION 31
- (Exam Topic 4)
Note: This question is a part of a series of questions that present the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is exactly the same in each question in this series.
Start of repeated scenario
You have a Microsoft SQL Server database that has the tables shown in the Database Diagram exhibit. (Click the Exhibit.)



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



You plan to use Power BI to import data from 2013 to 2015. Product Subcategory [Subcategory] contains NULL values. End of repeated scenario.
You implement the Power BI model.
You need to add a measure to rank total sales by product. The results must appear as shown in the following table.

Rank	Product	SalesAmount
1	Product3	13,0000
1	Product2	13,0000
2	Product1	12,0000
3	Product5	10,000
3	Product4	10,000

Which DAX formula should you use?

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

D. Product Ranking= RANKX (ALL (‘Product’), [SalesAmount], , Asc, Dense

Answer: B

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

NEW QUESTION 32
- (Exam Topic 4)
You are creating reports in Power BI Desktop. The model has the following tables.

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

There is a relationship between the tables.
You plan to publish a report to the Power BI service that displays Order_amount by Order_date by Full_name. You need to ensure that only the columns required for the report appear in Report View. The solution must
minimize the size of the dataset that is published.
How should you configure the columns in Power BI Desktop? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Customer_ID:
From Query Editor, select the column and click Remove Columns.
From Query Editor, select the column and click Remove Duplicates.
From Query Editor, select the column and click Remove Other Columns.
From the model, select the column and click Hide.

Customer_Photo:
From Query Editor, select the column and click Remove.
From Query Editor, select the column and click Remove Duplicates.
From Query Editor, select the column and click Remove Other Columns.
From the model, select the column and click Hide.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Table Description automatically generated

NEW QUESTION 36
- (Exam Topic 4)
You build a report to analyze customer transactions from a database that contains the tables shown in the following table.

Table name	Column name
Customer	CustomerID (primary key)
	Name
	State
	Email
Transaction	TransactionID (primary key)
	CustomerID (foreign key)
	Date
	Amount

You import the tables.
Which relationship should you use to link the tables?

A. one-to-many from Customer to Transaction
B. one-to-one between Customer and Transaction
C. one-to-many from Transaction to Customer
D. many-to-many between Customer and Transaction

Answer: A

Explanation:

Each customer can have many transactions.
For each transaction there is exactly one customer.

NEW QUESTION 39
- (Exam Topic 4)
Note: This question is part of a series of questions that use the same scenario. For your convenience, the
scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is the same in each question in this series.
You have a Microsoft SQL Server database that contains the following tables.

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

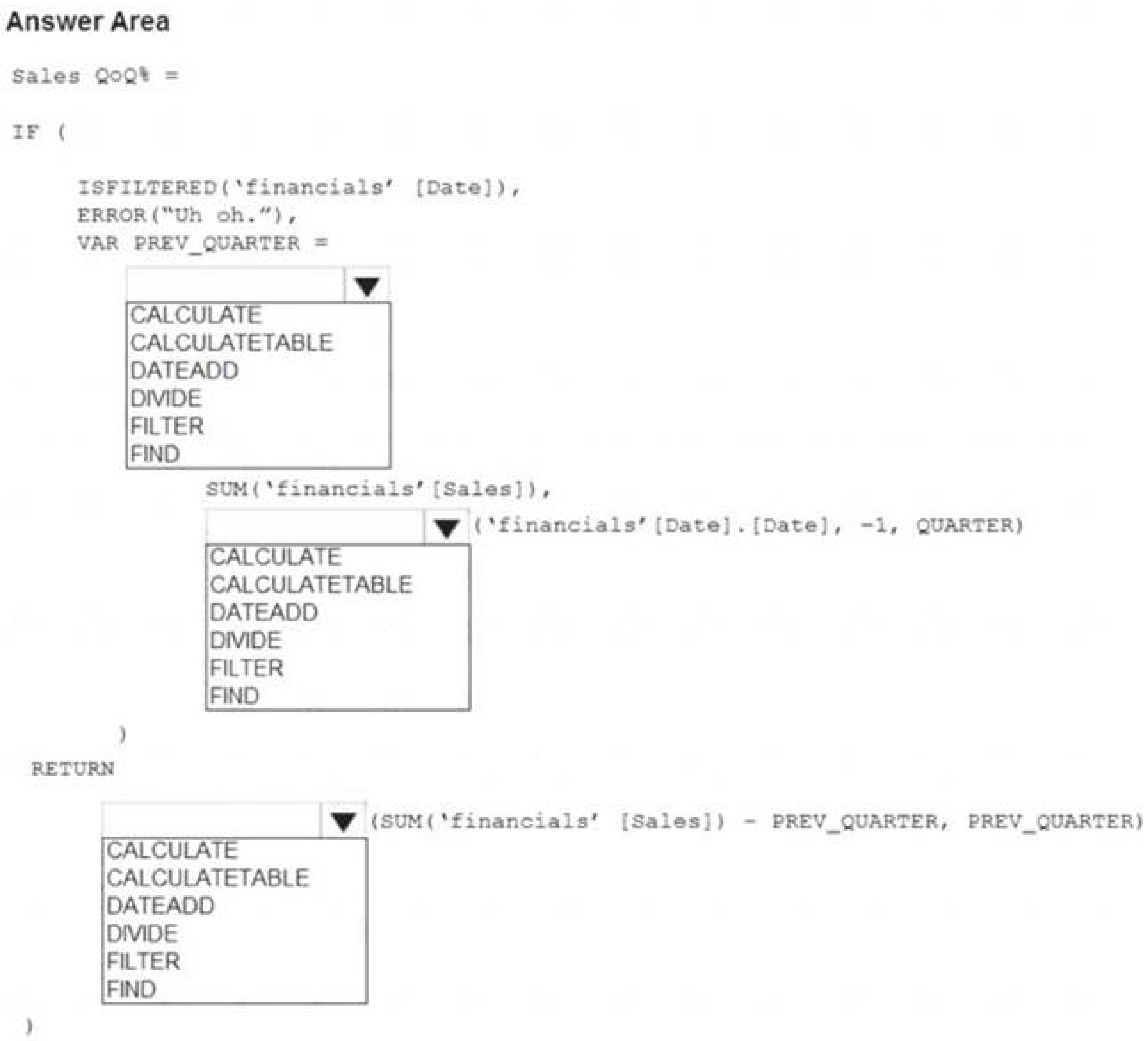
The following columns contain date information:
- Date[Month] in the mmyyyy format
- Date[Date_ID] in the ddmmyyyy format
- Date[Date_name] in the mm/dd/yyyy format
- Monthly_returns[Month_ID] in the mmyyyy format The Order table contains more than one million rows.
The Store table has a relationship to the Monthly_returns table on the Store_ID column. This is the only relationship between the tables.
You plan to use Power BI Desktop to create an analytics solution for the data.
You need to create a relationship between the Monthly_returns table and Date[Date_ID]. What should you do before you create the relationship?

A. In the Date table, create a new calculated column named MonthJD that uses the yyyydd format.
B. In the Monthly_returns table, create a new calculated column named DateJD that uses the ddmmyyyy format.
C. To the Order table, add a calculated column that uses the RELATED(Monthly_returns[Month_ID]) DAX formula.
D. To the Date table, add a calculated column that uses the RE LATE D(Monthly_ret urns [MonthJD]) DAX formula.

Answer: B

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

NEW QUESTION 42
- (Exam Topic 4)
You are building a financial report by using Power BI.
You have a table named financials that contains a column named Date and a column named Sales.
You need to create a measure that calculates the relative change in sales as compared to the previous quarter. How should you complete the measure? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

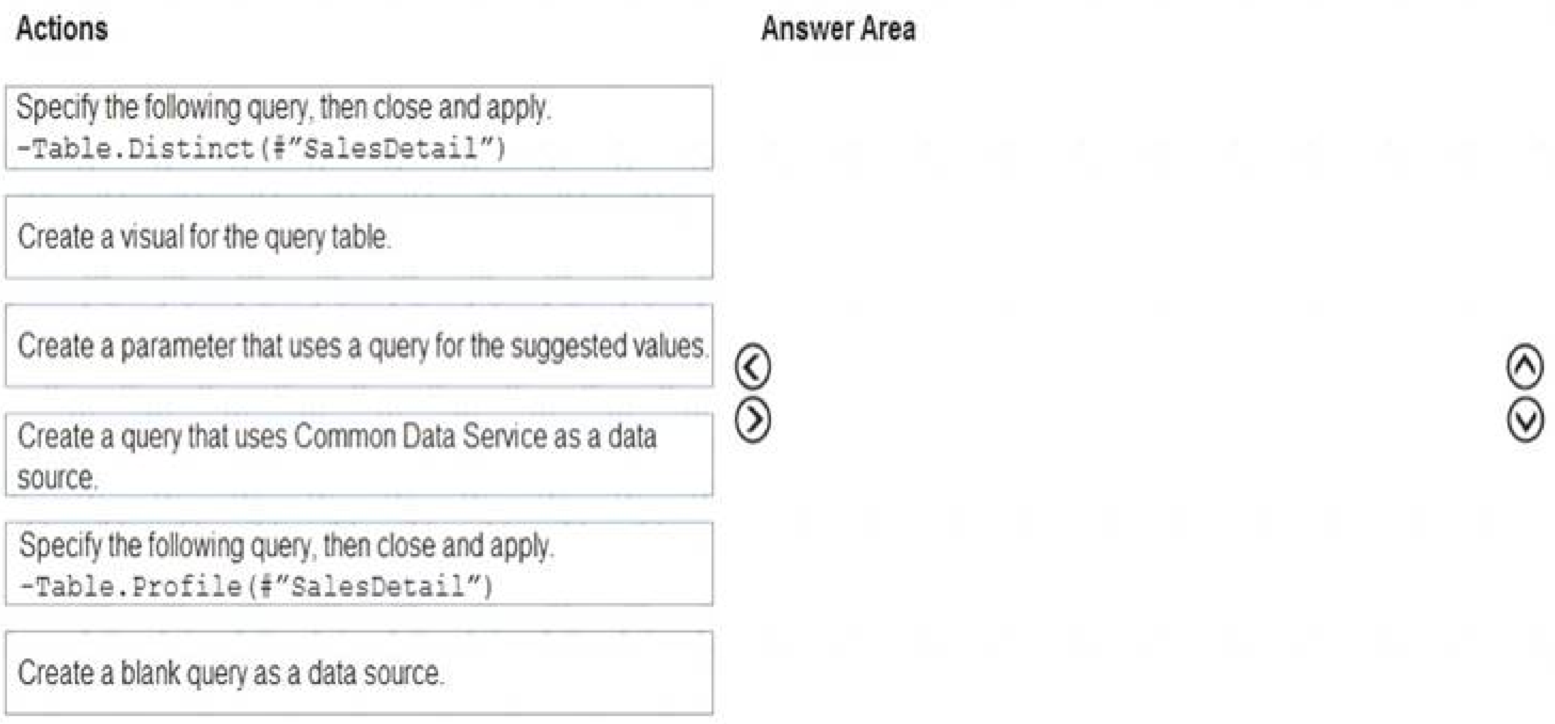


A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface, text, application Description automatically generated
Box 1: CALCULATE
Box 2: DATEADD
Box 3: DIVIDE
Example: NET_SALES QoQ% = IF(
ISFILTERED('Calendar'[Date]),
ERROR("Time intelligence quick measures can only be grouped or filtered by the Power BI-provided date hierarchy or primary date column."),
VAR PREV_QUARTER =
CALCULATE(
SUM('research ra_qtr_template'[NET_SALES]), DATEADD('Calendar'[Date].[Date], -1, QUARTER)
) RETURN DIVIDE(
SUM('research ra_qtr_template'[NET_SALES]) - PREV_QUARTER,
PREV_QUARTER
)
)
Reference:
https://community.powerbi.com/t5/Desktop/Error-calculating-QOQ-using-quick-measure/m-p/547054

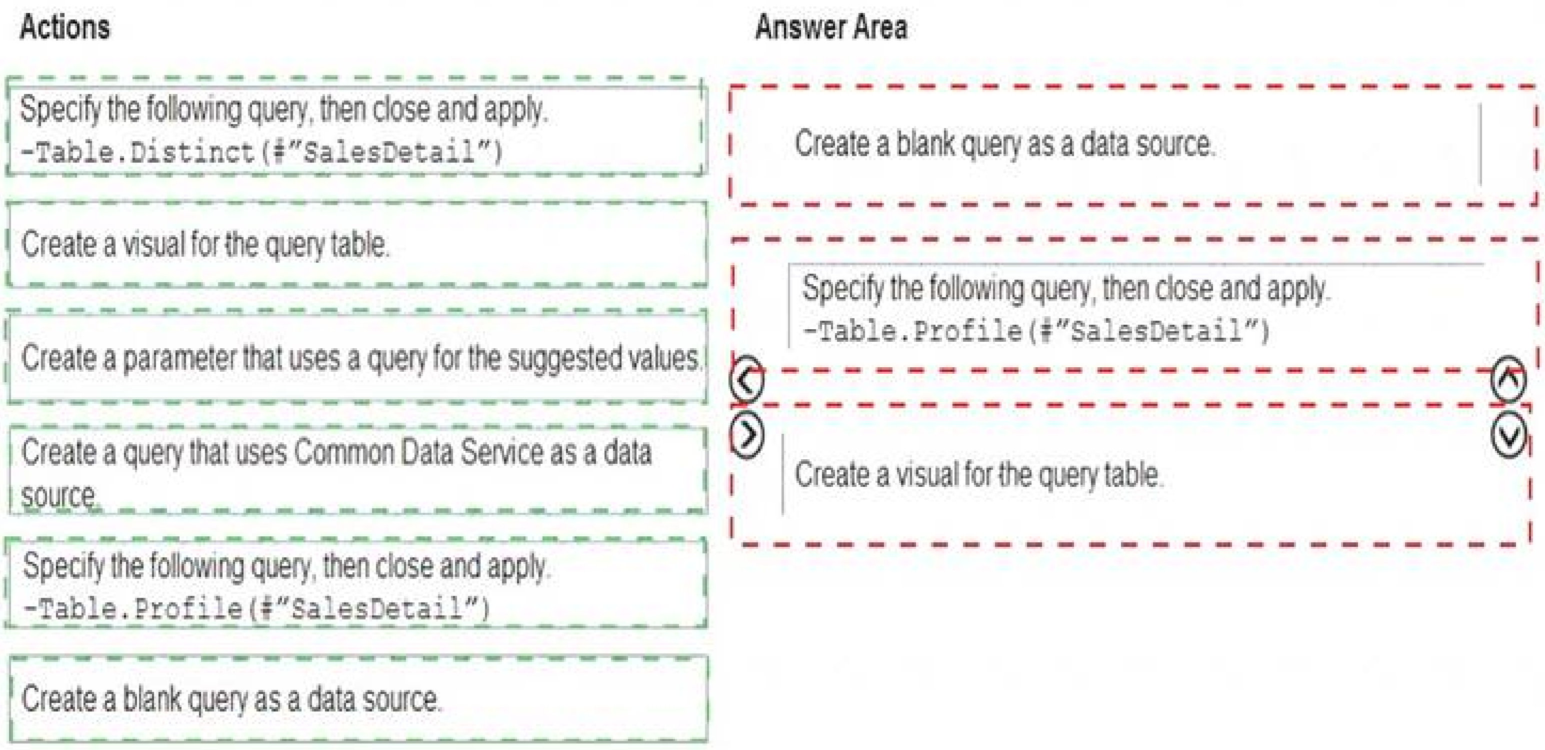
NEW QUESTION 43
- (Exam Topic 4)
You are modeling data in table named SalesDetail by using Microsoft Power Bl.
You need to provide end users with access to the summary statistics about the SalesDetail data. The users require insights on the completeness of the data and the value distributions.
Which 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.



A. Mastered
B. Not Mastered

Answer: A

Explanation:

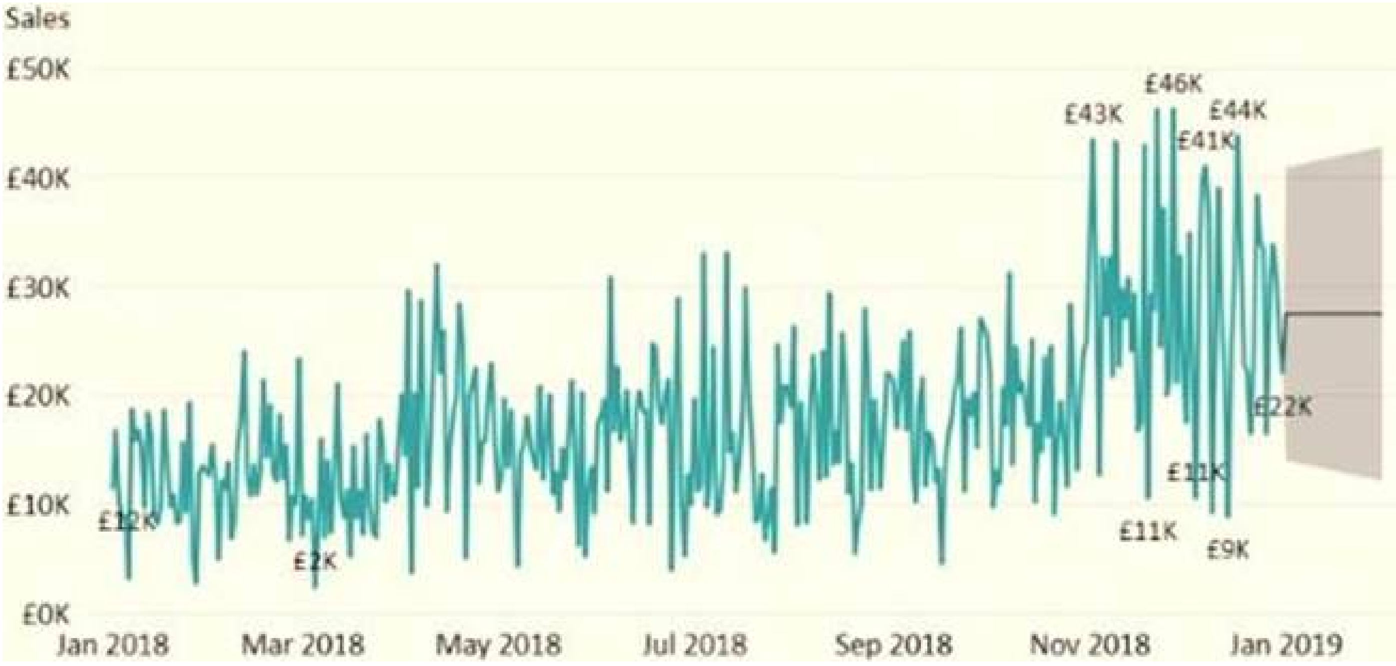


NEW QUESTION 44
- (Exam Topic 4)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You have a query for a table named Sales. Sales has a column named CustomerlD. The Data Type of CustomerlD 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 CustomerlD column are set to 0. Solution: From Query Editor, select the CustomerlD column and click Remove Errors. Does this meet the goal?

A. Yes
B. No

Answer: B

NEW QUESTION 45
- (Exam Topic 4)
You have the visual shown in the Original exhibit. {Click the Original tab.)



You need to configure the visual as shown in the Modified exhibit. (Click the Modified tab.)

What should you add to the visual?

A. a measure
B. a trendline
C. a forecast
D. an Average line

Answer: C

Explanation:
Explore forecast results by adjusting the desired confidence interval or by adjusting outlier data to see how they affect results.
Timeline Description automatically generated with low confidence
Reference:
https://powerbi.microsoft.com/fr-fr/blog/introducing-new-forecasting-capabilities-in-power-view-for-office-365

NEW QUESTION 50
- (Exam Topic 4)
In the Power BI service, you create an app workplace that contains several dashboards.
You need to provide a user named user1@contoso.com with the ability to edit and publish dashboards. What should you do?

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

Answer: C

NEW QUESTION 54
- (Exam Topic 4)
You have a Power BI dashboard that monitors the quality of manufacturing processes. The dashboard contains the following elements:
- A line chart that shows the number of defective products manufactured by day.
- A KPI visual that shows the current daily percentage of defective products manufactured. You need to be notified when the daily percentage of defective products manufactured exceeds 3%. What should you create?

A. a Q&A visual
B. a subscription
C. a smart narrative visual
D. an alert

Answer: D

NEW QUESTION 59
- (Exam Topic 4)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You are modeling data by using Microsoft Power Bl. Part of the data model is a large Microsoft SQL Server table named Order that has more than 100 million records.
During the development process, you need to import a sample of the data from the Order table. Solution: You add a WHERE clause to the SQL statement.
Does this meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 62
- (Exam Topic 4)
You have a line chart that shows the number of employees in a department over time.
You need to see the total salary costs of the employees when you hover over a data point. What is possible way to achieve this goal?

A. Add a salary to the tooltips.
B. Add a salary to the visual filters.
C. Add salary to the drillthrough fields.

Answer: A

Explanation:
Reference:
https://docs.microsoft.com/en-us/power-bi/create-reports/desktop-custom-tooltips https://technovids.com/power-bi-filters/

NEW QUESTION 66
- (Exam Topic 4)
You have a prospective customer list that contains 1,500 rows of data. The list contains the following fields:
- First name
- Last name
- Email address
- State/Region
- Phone number

You import the list into Power Query Editor.
You need to ensure that the list contains records for each State/Region to which you want to target a marketing campaign.
Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

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

Answer: CE

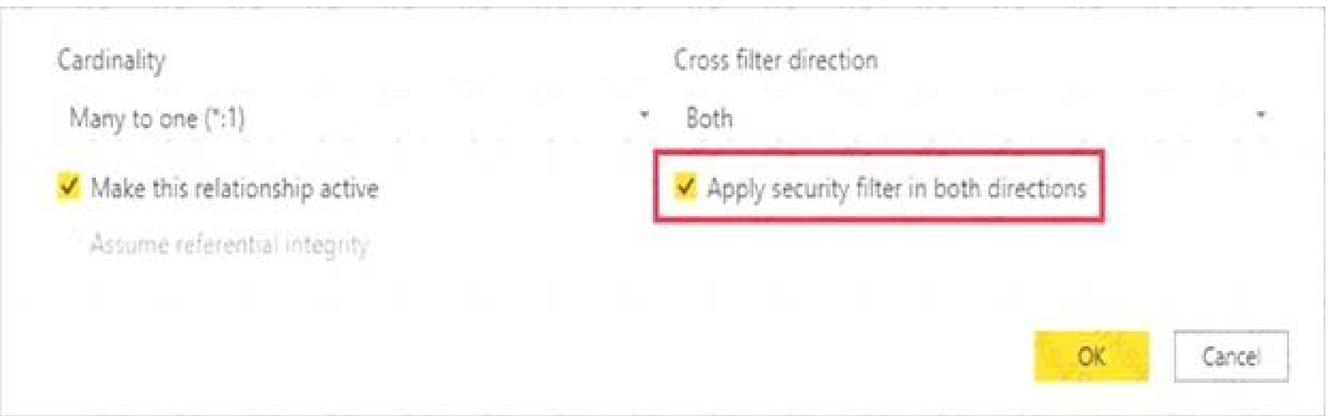
Explanation:
In Power query, the load preview by default is 1000 row. By default, the column quality also only looks at the first 1000 row. You can verify this by the status bar at the bottom of the Power query window. To change the profiling so it analyses the entire column of data, select the profiling status in the status bar. Then select Column profiling based on the entire data set.
https://theexcelclub.com/data-profiling-views-in-power-query-excel-and-power-bi/

NEW QUESTION 68
- (Exam Topic 4)
In Power BI Desktop, you are building a sales report that contains two tables. Both tables have row-level security (RLS) configured.
You need to create a relationship between the tables. The solution must ensure that bidirectional cross-filtering honors the RLS settings.
What should you do?

A. Create an active relationship between the tables and select Assume referential integrity.
B. Create an inactive relationship between the tables and select Assume referential integrity.
C. Create an inactive relationship between the tables and select Apply security filter in both directions.
D. Create an active relationship between the tables and select Apply security filter in both directions.

Answer: D

Explanation:
By default, row-level security filtering uses single-directional filters, whether the relationships are set to single direction or bi-directional. You can manually enable bi-directional cross-filtering with row-level security by selecting the relationship and checking the Apply security filter in both directions checkbox. Select this option when you've also implemented dynamic row-level security at the server level, where row-level security is based on username or login ID.
Graphical user interface, application, Word Description automatically generated



Reference:
https://docs.microsoft.com/en-us/power-bi/admin/service-admin-rls

NEW QUESTION 73
- (Exam Topic 4)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You are modeling data by using Microsoft Power BI. Part of the data model is a large Microsoft SQL Server table named Order that has more than 100 million records.
During the development process, you need to import a sample of the data from the Order table. Solution: You add a WHERE clause to the SQL statement.
Does this meet the goal?

A. Yes
B. No

Answer: A

Explanation:
The WHERE clause has its effects before the data is imported. Reference:
https://docs.microsoft.com/en-us/power-bi/connect-data/service-gateway-sql-tutorial

NEW QUESTION 74
- (Exam Topic 4)
You have a CSV file that contains user complaints. The file contains a column named Logged. Logged contains the date and time each compliant occurred. The data in Logged is in the following format:
at 08:59.
You need to be able to analyze the complaints by the logged date and use a built-in date hierarchy. D18912E1457D5D1DDCBD40AB3BF70D5D
What should you do?

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

Answer: C

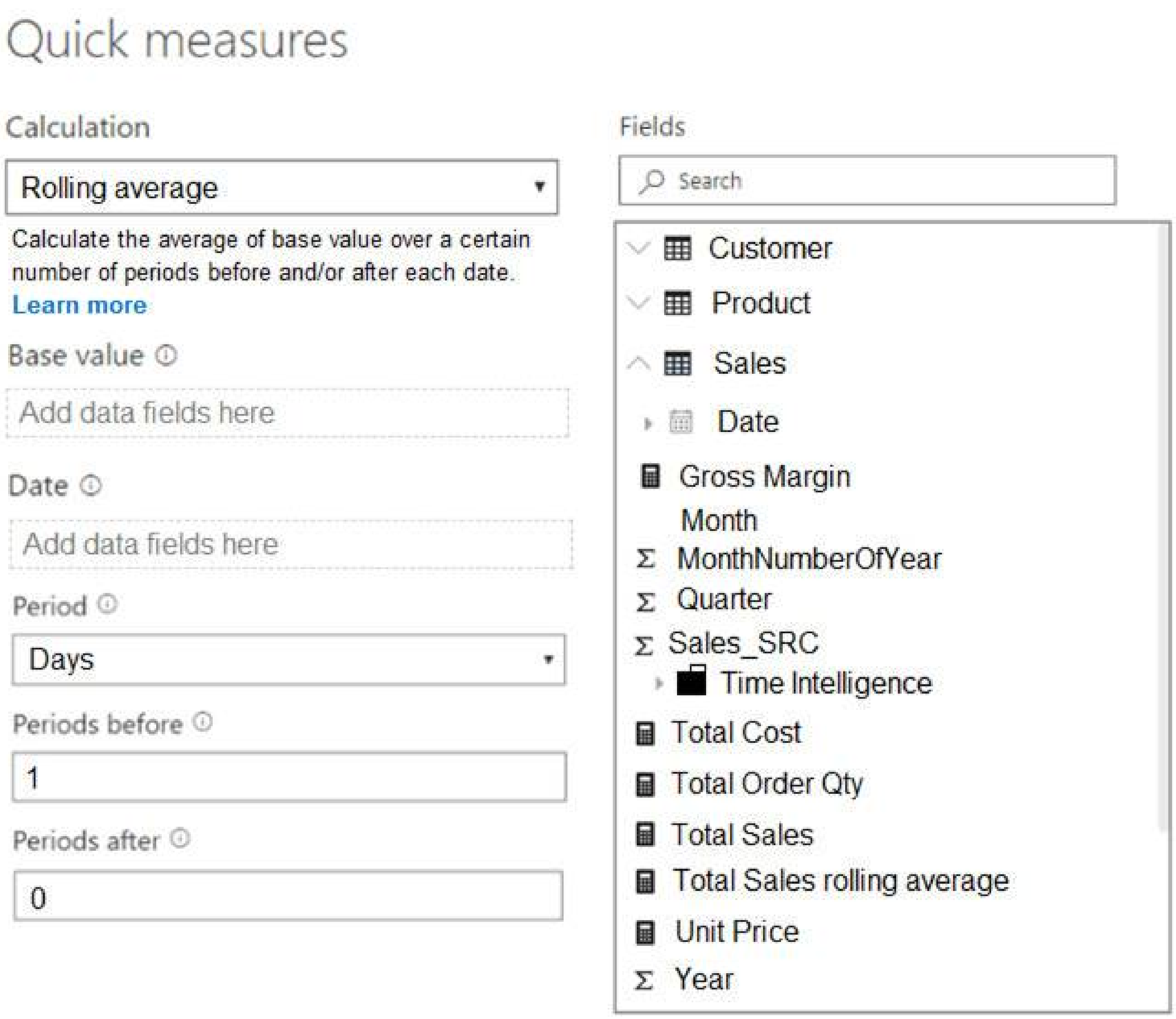
NEW QUESTION 79
- (Exam Topic 4)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this scenario, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You have a clustered bar chart that contains a measure named Salary as the value and a field named Employee as the axis. Salary is present in the data as numerical amount representing US dollars.
You need to create a reference line to show which employees are above the median salary. Solution: You create a median line by using the Salary measure.
Does this meet the goal?

A. Yes
B. No

Answer: A

Explanation:
The 50th percentile is also known as the median or middle value where 50 percent of observations fall below. Reference:
https://dash-intel.com/powerbi/statistical_functions_median.php

NEW QUESTION 80
- (Exam Topic 4)
You are creating a quick measure as shown in the following exhibit.



You need to create a monthly rolling average measure for Sales over time-How should you configure the quick measure calculation? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Total Sales
We select the field Total Sales Box 2: Date
Select a date field. Box 3: Month Monthly periods. Reference:
https://docs.microsoft.com/en-us/power-bi/transform-model/desktop-quick-measures

NEW QUESTION 82
- (Exam Topic 4)
You need to create a relationship in the dataset for RLS.
What should you do? To answer select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

Create a one-to-many ▾ relationship between the Sales Employees table and the Customer Details worksheet ▾

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Create a one-to-many ▾ relationship between the Sales Employees table and the Customer Details worksheet ▾

NEW QUESTION 86
- (Exam Topic 4)
You have the dataset shown in the following exhibit.

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

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

A. Add a Top N filter to the visual.
B. Configure the Sales Profit measure to use the RANKX function.
C. Add a calculated column to the table that uses the TOPN functio
D. In the visual, replace Sales Profit with the calculated column.
E. Add a calculated column to the table that returns the city name if the city is in the top 10, otherwise the calculated column will return "Not in Top 10". In the visual, replace Sales Profit with the calculatedcolumn.D18912E1457D5D1DDCBD40AB3BF70D5D

Answer: A

Explanation:
Power BI Top N Filters are useful to display the top performing records, and Bottom N filters are helpful to display the least performing records. For example, we can display top or bottom 10 products by orders or sales.
Note:
- Select the Column you want to display the Top Sales Profit
- Then change the Filter Type of that Column to Top N
- Fill in Top / Bottom number field
- And lastly drag to the By Value filed your Sales Profit Reference:
https://www.tutorialgateway.org/power-bi-top-10-filters/

NEW QUESTION 91
- (Exam Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this scenario, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You have several reports and dashboards in a workspace.
You need to grant all organizational users read access to a dashboard and several reports. Solution: You enable included in app for all assets.
Does this meet the goal?

A. Yes
B. No

Answer: B

NEW QUESTION 94
- (Exam Topic 4)
You have a Microsoft Power BI data model that contains three tables named Orders, Date, and City. There is a one-to-many relationship between Date and Orders and between City and Orders.
The model contains two row-level security (RLS) roles named Role1 and Role2. Role1 contains the following filter.
City[State Province] = "Kentucky" Role2 contains the following filter. Date[Calendar Year] = 2020
If a user is a member of both Role1 and Role2, what data will they see in a report that uses the model?

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

Answer: B

Explanation:
When a report user is assigned to multiple roles, RLS filters become additive. It means report users can see table rows that represent the union of those filters.
Reference:
https://docs.microsoft.com/en-us/power-bi/guidance/rls-guidance

NEW QUESTION 99
- (Exam Topic 4)
You have a Power BI app named App1. The privacy for the App1 workspace is set to Private.
A user named User1 reports that App1 does not appear in the My organization AppSource. App1 appears in the My organization AppSource for your account.
You need to ensure that User sees App1 from the My organization AppSource. What should you do?

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

Answer: C

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

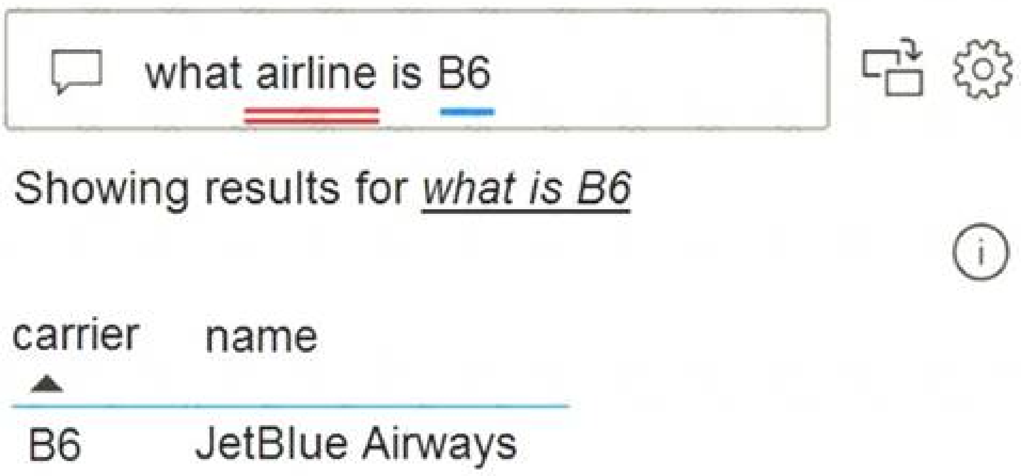
NEW QUESTION 103
- (Exam Topic 4)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen,
You create a parameter named DataSourceExcel that holds the file name and location of a Microsoft Excel data source.
You need to update the query to reference the parameter instead of multiple hard-coded copies of the location within each query definition.
Solution: In the Power Query M code, you replace references to the Excel file with DataSourceExcel. Does this meet the goal?

A. Yes
B. No

Answer: A

Explanation:
Instead modify the source step of the queries to use DataSourceExcel as the file path.
Note: Parameterising a Data Source could be used in many different use cases. From connecting to different data sources defined in Query Parameters to load different combinations of columns.
Reference:
https://www.biinsight.com/power-bi-desktop-query-parameters-part-1/

NEW QUESTION 107
- (Exam Topic 4)
You have a Q&A visual that displays information from a table named Carriers as shown in the following exhibit.



You need to ensure that users can ask questions by using the term airline or carrier. The solution must minimize changes to the data model.
What should you do?

A. Add a duplicate query named Airline.
B. Add airline as a synonym of carrier.
C. Rename the carrier column as airline in the Carriers query.
D. Rename the query from Carriers to airlines.

Answer: B

Explanation:
Add synonyms to tables and columns: This step applies specifically to Q&A (and not to Power BI reports in general). Users often have a variety of terms they use to refer to the same thing, such as total sales, net sales, total net sales. You can add these synonyms to tables and columns in the Power BI model.
This step can be important. Even with straightforward table and column names, users of Q&A ask questions using the vocabulary that first comes to them. They're not choosing from a predefined list of columns. The more sensible synonyms you add, the better your users' experience is with your report.
Reference:
https://docs.microsoft.com/en-us/power-bi/natural-language/q-and-a-best-practices

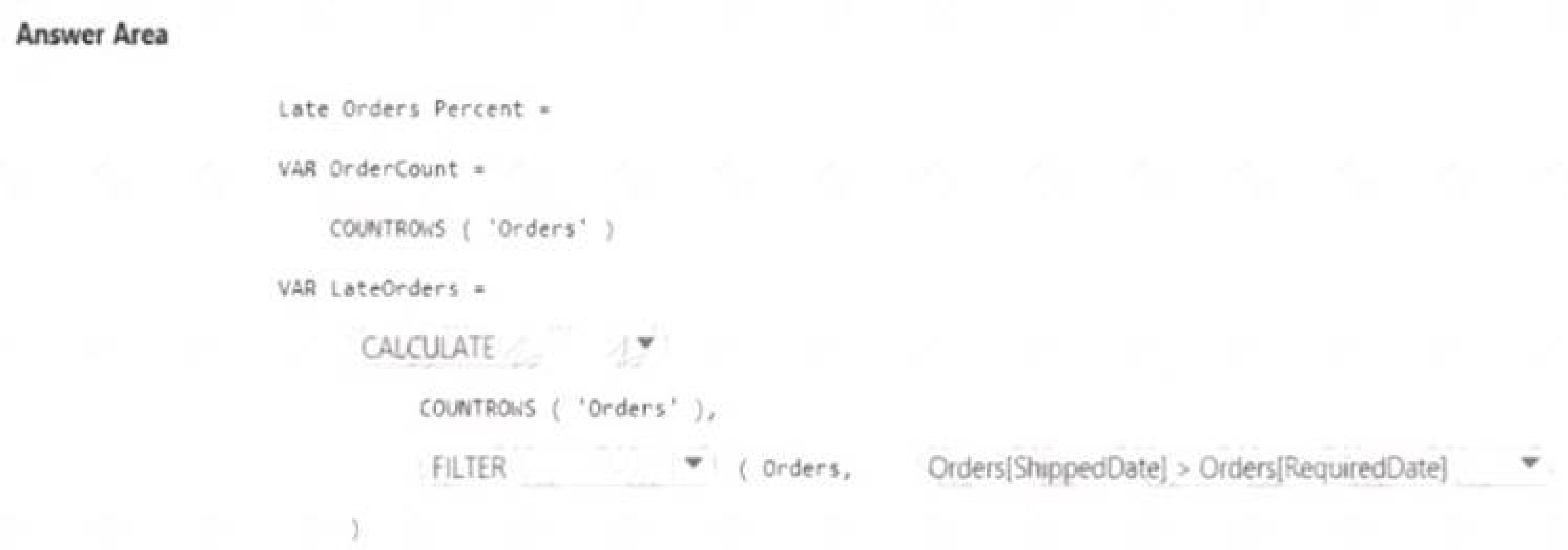
NEW QUESTION 112
- (Exam Topic 4)
You are developing a sales report that will have multiple pages. Each page will answer a different business question.
You plan to have a menu page that will show all the business questions.
You need to ensure that users can click each business question and be directed to the page where the question is answered. The solution must ensure that the menu page will work when deployed to any workspace.
What should you include on the menu page?

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

Answer: B

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

NEW QUESTION 117
- (Exam Topic 4)
You need to create a measure that will return the percentage of late orders.
How should you complete the DAX expression? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:

Graphical user interface Description automatically generated

NEW QUESTION 120
- (Exam Topic 4)
You publish a Microsoft Power BI dataset to powerbi.com. The dataset appends data from an on-premises Oracle database and an Azure SQL database by using one query.
You have admin access to the workspace and permission to use an existing On-premises data gateway for which the Oracle data source is already configured.
You need to ensure that the data is updated every morning. The solution must minimize configuration effort. Which two actions should you perform when you configure scheduled refresh? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

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

Answer: AC

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

NEW QUESTION 125
- (Exam Topic 4)
You have a large dataset that contains more than 1 million rows. The table has a datetime column named Date.
You need to reduce the size of the data model. What should you do?

A. Round the hour of the Date column to startOfHour.
B. Change the data type of the Date column to Text.
C. Trim the Date column.
D. Split the Date column into two columns, one that contains only the time and another that contains only the date.

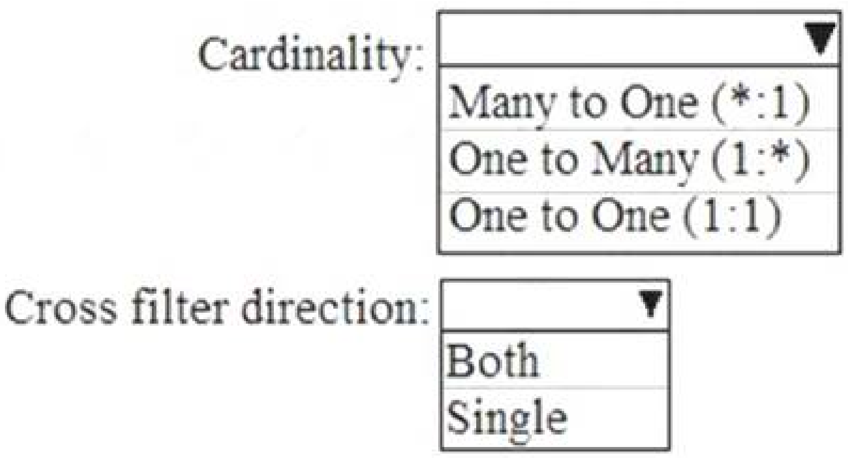
Answer: D

Explanation:
We have to separate date & time tables. Also, we don't need to put the time into the date table, because the time is repeated every day.
Split your DateTime column into a separate date & time columns in fact table, so that you can join the date to the date table & the time to the time table. The time need to be converted to the nearest round minute or second so that every time in your data corresponds to a row in your time table.
Reference:
https://intellipaat.com/community/6461/how-to-include-time-in-date-hierarchy-in-power-bi

NEW QUESTION 127
- (Exam Topic 4)
You have a Power BI model that has 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)

You plan to create the following measure. Measure1 = DISTINCTCOUNT(Sales[ProductID]) You need to create the following relationships:
- Sales to Product
- Sales to Salesperson

The solution must ensure that you can use Measure1 to display the count of products sold by each salesperson.
How should you configure the relationships? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

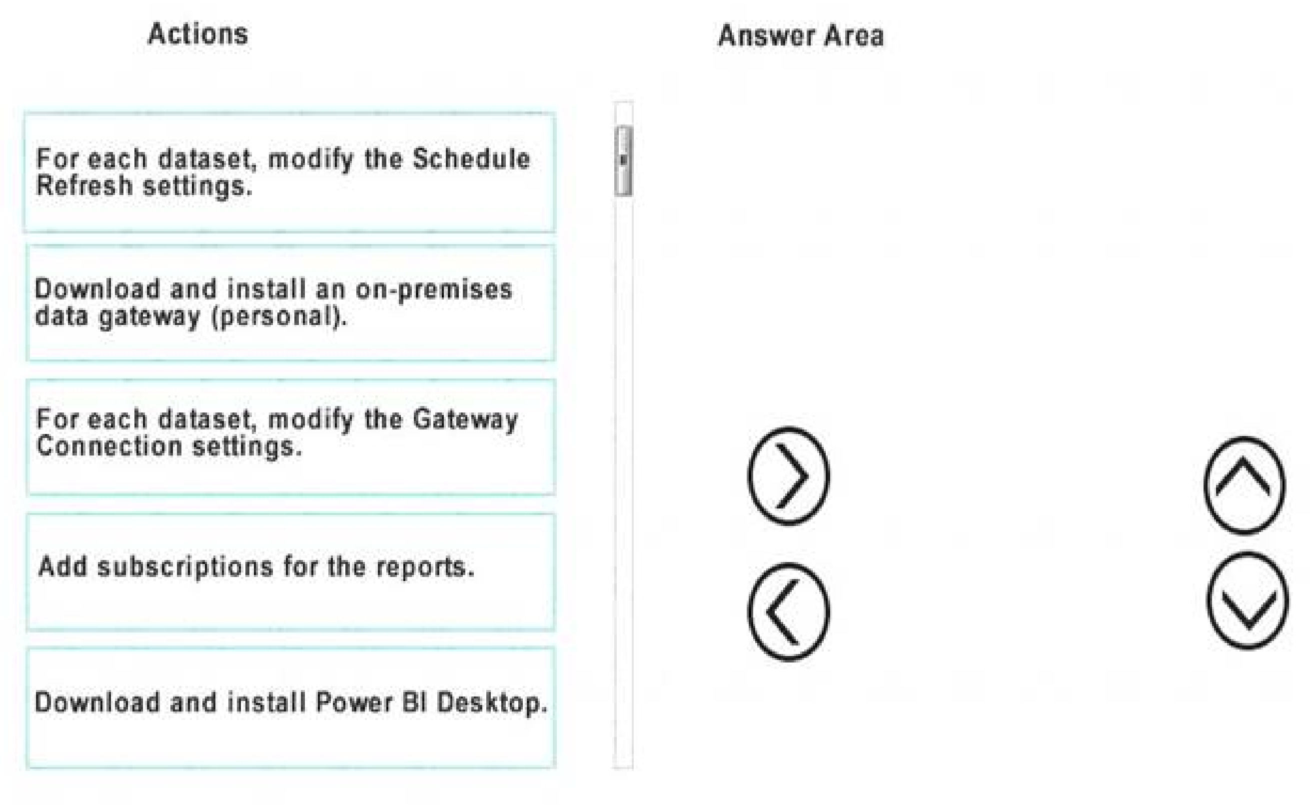


A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface, text Description automatically generated

NEW QUESTION 131
- (Exam Topic 4)
You have a Microsoft Excel workbook that contains two tables.
From Power BI, you create a dashboard that displays data from the tables. You update the tables each day.
You need to ensure that the virtualizations in the dashboard are updated daily.
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to answer area and arrange them in the correct order.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface, text, application, email Description automatically generated
References: https://docs.microsoft.com/en-us/power-bi/refresh-scheduled-refresh

NEW QUESTION 134
- (Exam Topic 4)
You embed a Power BI report in a Microsoft SharePoint Online page.
A user name User1 can access the SharePoint Online page, but the Power BI web part displays the following error message: “This content isn’t available”.
User1 is unable to view the report.
You verify that you can access the SharePoint Online page and that the Power BI report displays as expected. You need to ensure that User1 can view the report form SharePoint Online.
What should you do?

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

Answer: C

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

NEW QUESTION 139
- (Exam Topic 4)
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 142
- (Exam Topic 4)
You have a query named Customer that imports CSV files from a data lake. The query contains 500 rows as shown in the exhibit. (Click the Exhibit tab.)

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

Each file contains deltas of any new or modified rows from each load to the data lake. Multiple files can have the same customer ID.
You need to keep only the last modified row for each customer ID.
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

- Filter the Customer query on Modified Date is Latest.
- Merge the CustomerGrouped query into the Customer query based on Customer ID and Modified Date by using a left outer join.
- Remove duplicates in the Customer ID column.
- Duplicate the Customer query and name the new query CustomerGrouped.
- Group the CustomerGrouped query by Customer ID and output the max Modified Date value into a column named Modified Date.
- Merge the two querires based on Customer ID and Modified Date by using an inner join.

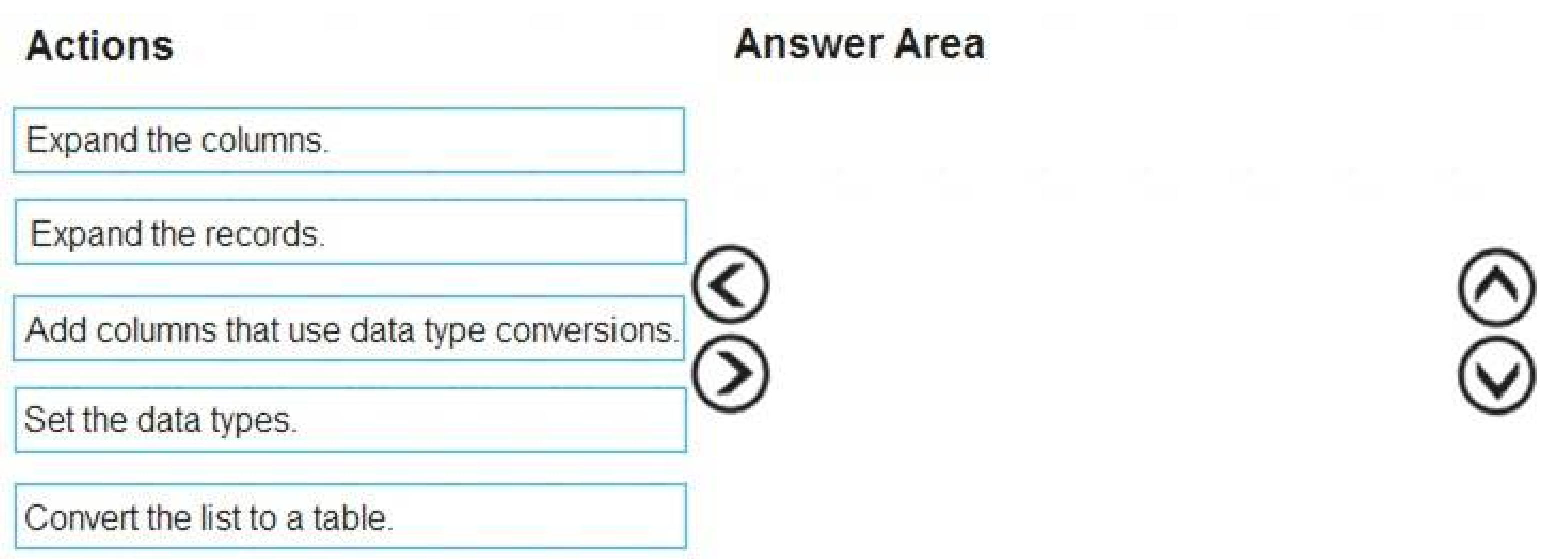
Answer Area

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 147
- (Exam Topic 4)
You are building a dataset from a JSON file that contains an array of documents.
You need to import attributes as columns from all the documents in the JSON file. The solution must ensure that date attributes can be used as date hierarchies in Microsoft Power BI reports.
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.

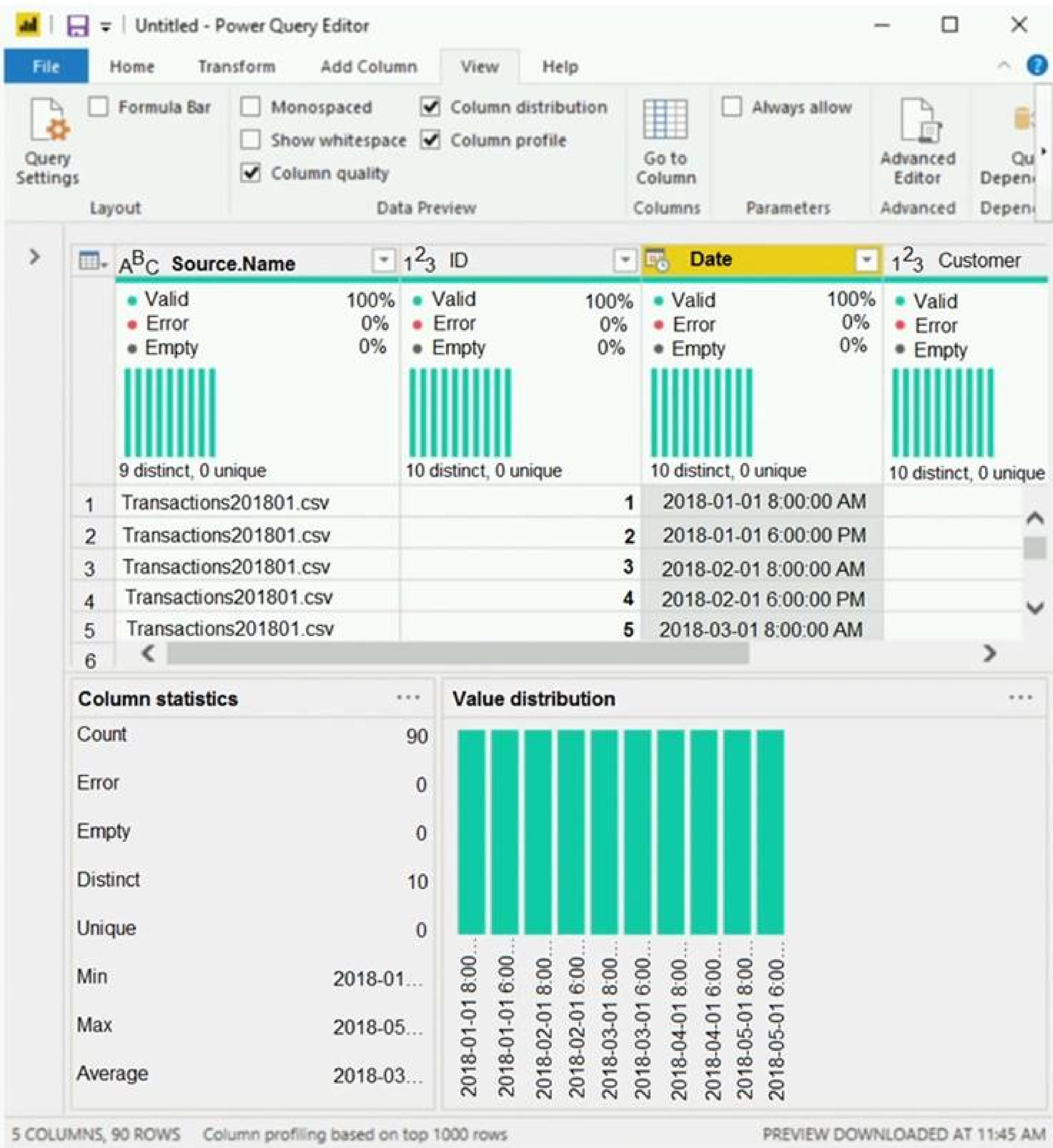


A. Mastered
B. Not Mastered

Answer: A

Explanation:
1- Convert list to table
2- Expand Column
3- Set Date type
Here is an example: https://youtu.be/B4kzyxnhQfI The definition of the function which expand columns:
https://docs.microsoft.com/en-us/powerquery-m/table-expandrecordcolumn

NEW QUESTION 149
- (Exam Topic 4)
You view a query named Transactions as shown in the following exhibit.



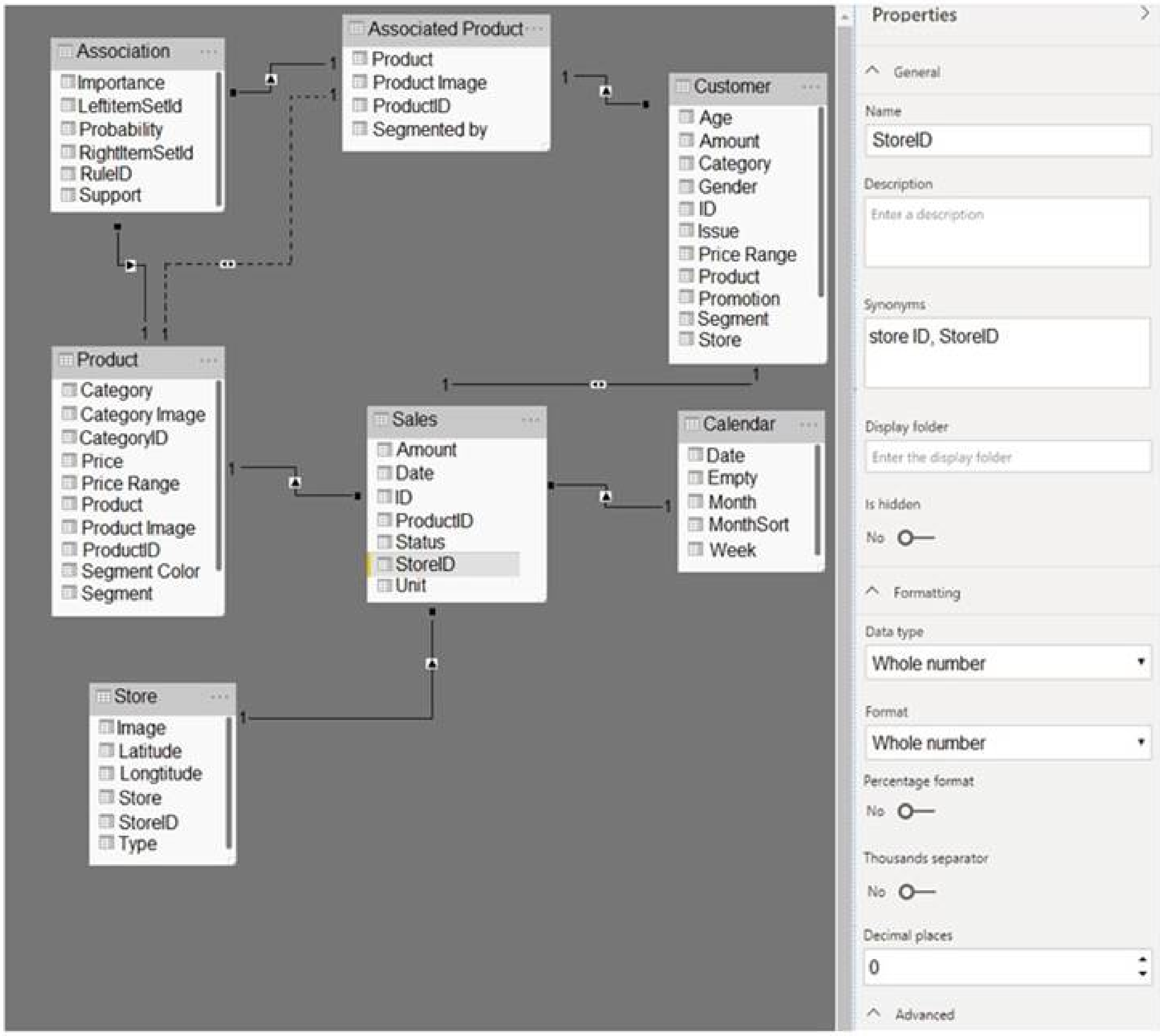
The query gets CSV files from a folder.
Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.
NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: 9
9 distinct CSV files. Box 2: 10
10 distinct dates.
https://pediaa.com/what-is-the-difference-between-unique-and-distinct-in-sql/#:~:text=Unique%20and%20Disti

NEW QUESTION 153
- (Exam Topic 4)
You have the Power BI data model shown in the following exhibit.



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

Answer Area

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

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

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

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

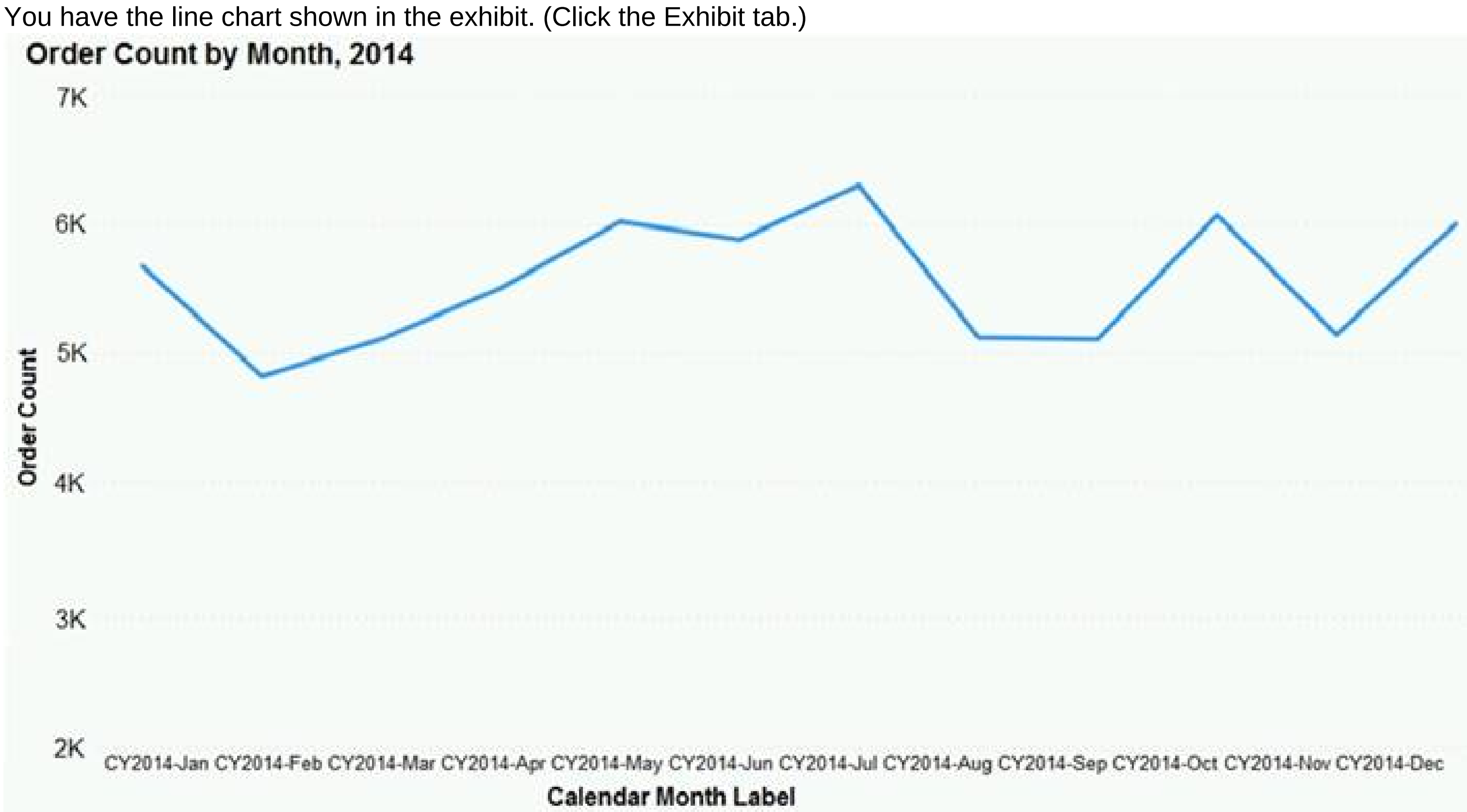
When a table visual is added to a blank report page and populated by using the StoreID field from the Sales table, a **[answer choice]** is displayed.

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

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

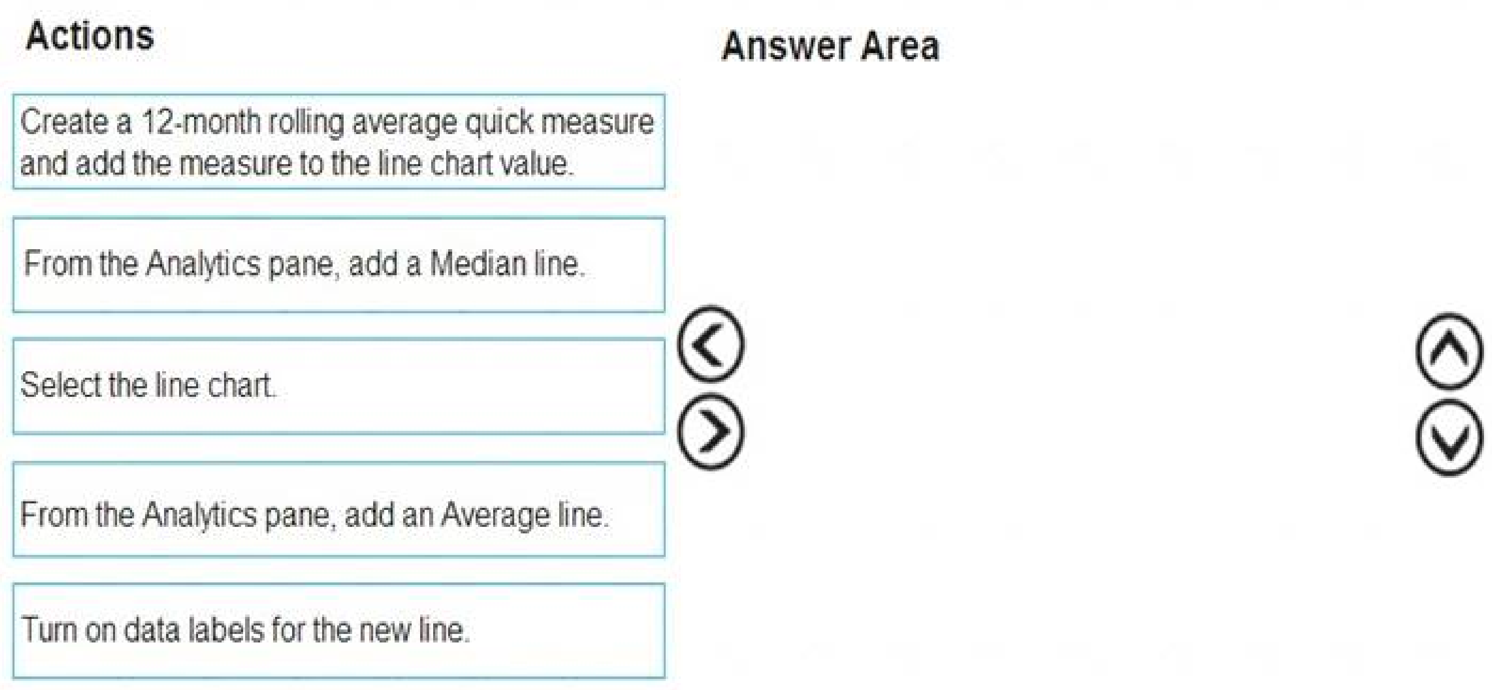
- all the tables related to the Sales table
- only the Sales table
- only the Store table
- the Sales table and the Customer table

NEW QUESTION 158
- (Exam Topic 4)
You have the line chart shown in the exhibit. (Click the Exhibit tab.)



You need to modify the chart to meet the following requirements:
- Identify months that have order counts above the mean.
- Display the mean monthly order count.

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.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
* 1. Select the line chart
* 2. Add the average line
* 3. Turn on Data Label

NEW QUESTION 163
- (Exam Topic 4)
You have sales data in a star schema that contains four tables named Sales, Customer, Date, and Product. The Sales table contains purchase and ship dates.
Most often, you will use the purchase date to analyze the data, but you will analyze the data by both dates independently and together.
You need to design an imported dataset to support the analysis. The solution must minimize the model size and the number of queries against the data source.
Which data modeling design should you use?

A. Use the Auto Date/Time functionality in Microsoft Power BI and do NOT import the Date table.
B. Duplicate the Date query in Power Query and use active relationships between both Date tables.
C. On the Date table, use a reference query in Power Query and create active relationships between Sales and both Date tables in the modeling view.
D. Create an active relationship between Sales and Date for the purchase date and an inactive relationship for the ship date.

Answer: D

Explanation:
Only one relationship can be active.
Note: If you query two or more tables at the same time, when the data is loaded, Power BI Desktop attempts to find and create relationships for you. The relationship options Cardinality, Cross filter direction, and Make this relationship active are automatically set.
Reference:
https://docs.microsoft.com/en-us/power-bi/transform-model/desktop-create-and-manage-relationships

NEW QUESTION 164
- (Exam Topic 4)
You have a Microsoft Power Bl report. The size of PBIX file is 550 MB. The report is accessed by using an App workspace in shared capacity of powerbi.com.
The report uses an imported dataset that contains one fact table. The fact table contains 12 million rows. The dataset is scheduled to refresh twice a day at 08:00 and 17:00.
The report is a single page that contains 15 custom visuals and 10 default visuals.
Users say that the report is slow to load the visuals when they access and interact with the report You need to recommend a solution to improve the performance of the report.
What should you recommend?

A. Split the visuals onto multiple pages.
B. Implement row-level security (RLS).
C. Replace the default visuals with custom visuals.
D. Increase the number of times that the dataset is refreshed.

Answer: A

NEW QUESTION 169
- (Exam Topic 4)
You have a collection of reports for the HR department of your company.
You need to create a visualization for the HR department that shows a historic employee counts and predicts trends during the next six months.
Which type of visualization should you use?

A. scatter chart
B. ribbon chart

C. line chart
D. key influences

Answer: C

Explanation:
The best data for forecasting is time series data or uniformly increasing whole numbers. The line chart has to have only one line.
Try forecasting: Try the new forecasting capabilities of Power View today on your own data or with the sample report available as part of the Power BI report samples. To view your own data, upload a workbook with a Power View time series line chart to Power BI for Office 365.
Reference:
https://powerbi.microsoft.com/en-us/blog/introducing-new-forecasting-capabilities-in-power-view-for-office-36

NEW QUESTION 174
- (Exam Topic 4)
You have multiple dashboards.
You need to ensure that when users browse the available dashboards from powerbi.com, they can see which dashboards contain Personally Identifiable Information (PII). The solution must minimize configuration effort and impact on the dashboard design.
What should you use?

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

Answer: D

Explanation:
Microsoft Information Protection sensitivity labels provide a simple way for your users to classify critical content in Power BI without compromising productivity or the ability to collaborate.
Sensitivity labels can be applied to datasets, reports, dashboards, and dataflows. Reference:
https://docs.microsoft.com/en-us/power-bi/admin/service-security-sensitivity-label-overview

NEW QUESTION 177
- (Exam Topic 4)
You create the following step by using Power Query Editor.
= Table.ReplaceValue(SalesLT_Address,"1318","1319",Replacer.ReplaceText,{"AddressLine1"})
A row has a value of 21318 Lasalle Street in the AddressLine1 column. What will the value be when the step is applied?

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

Answer: D

Explanation:
Example:
Replace the text "ur" with the text "or" in the table.

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

a	b
1	hello
3	world

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

NEW QUESTION 182
- (Exam Topic 4)
You are building a Power BI report to analyze customer segments.
You need to identify customer segments dynamically based on the Bounce Rate across dimensions such as source, geography, and demographics. The solution must minimize analysis effort.

Which type of visualization should you use?

A. decomposition tree
B. funnel chart
C. Q&A
D. key influencers

Answer: D

Explanation:
The key influencers visual is a great choice if you want to: See which factors affect the metric being analyzed.
Contrast the relative importance of these factors. For example, do short-term contracts affect churn more than long-term contracts?
Note: The key influencers visual helps you understand the factors that drive a metric you're interested in. It analyzes your data, ranks the factors that matter, and displays them as key influencers. For example, suppose you want to figure out what influences employee turnover, which is also known as churn. One factor might be employment contract length, and another factor might be commute time.
https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-influencers

NEW QUESTION 183
- (Exam Topic 4)
You create a dashboard by using the Microsoft Power Bl Service. The dashboard contains a card visual that shows total sales from the current year. You grant users access to the dashboard by using the viewer role on the workspace. A user wants to receive daily notifications of the number shown on the card visual. You need to automate the notifications. What should you do?

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

Answer: B

Explanation:
You can subscribe yourself and your colleagues to the report pages, dashboards, and paginated reports that matter most to you. Power BI e-mail subscriptions allow you to:
- Decide how often you want to receive the emails: daily, weekly, hourly, monthly, or once a day after the initial data refresh.
- Choose the time you want to receive the email, if you choose daily, weekly, hourly, or monthly. Note: Email subscriptions don't support most custom visuals. The one exception is those custom visuals that
have been certified.
Email subscriptions don't support R-powered custom visuals at this time. Reference:
https://docs.microsoft.com/en-us/power-bi/collaborate-share/service-report-subscribe https://docs.microsoft.com/en-us/power-bi/create-reports/service-set-data-alerts

NEW QUESTION 188
- (Exam Topic 4)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You have a 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 Bl service.
Solution: Copy the workbook to Microsoft OneDrive for Business. From Excel, click Publish to Power Bl, and then click Upload
Does this meet the goal?

A. Yes
B. No

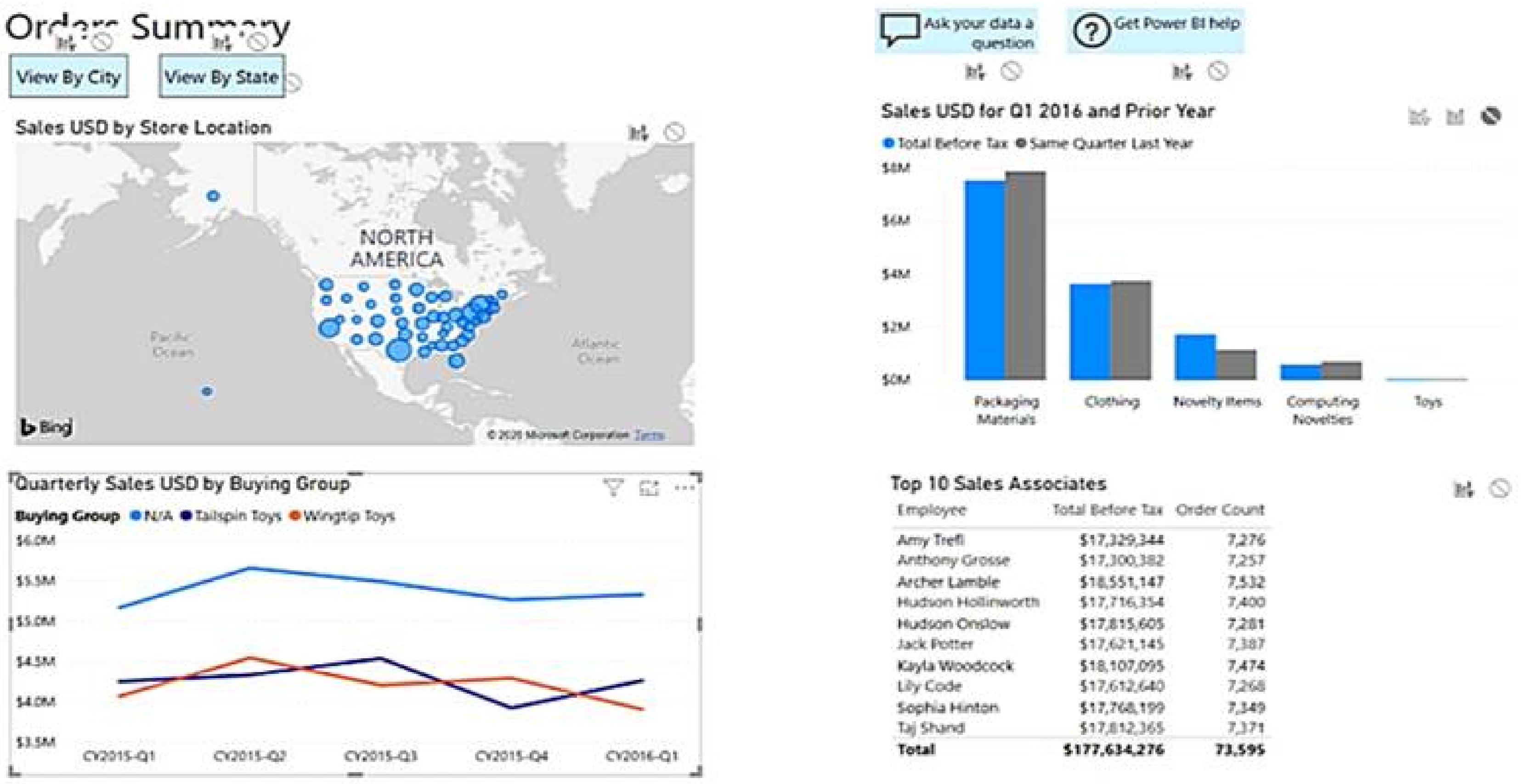
Answer: B

NEW QUESTION 191
- (Exam Topic 4)
In Power Bi Desktop, you are creating visualizations in a report based on an imported dataset
You need to allow Power Bi users to export the summarized data used to create the visualizations but prevent the users from exporting the underlying data
What should you do?

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

Answer: B

NEW QUESTION 194
- (Exam Topic 4)
You have a report page that contains the visuals shown in the following exhibit.



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

Answer Area

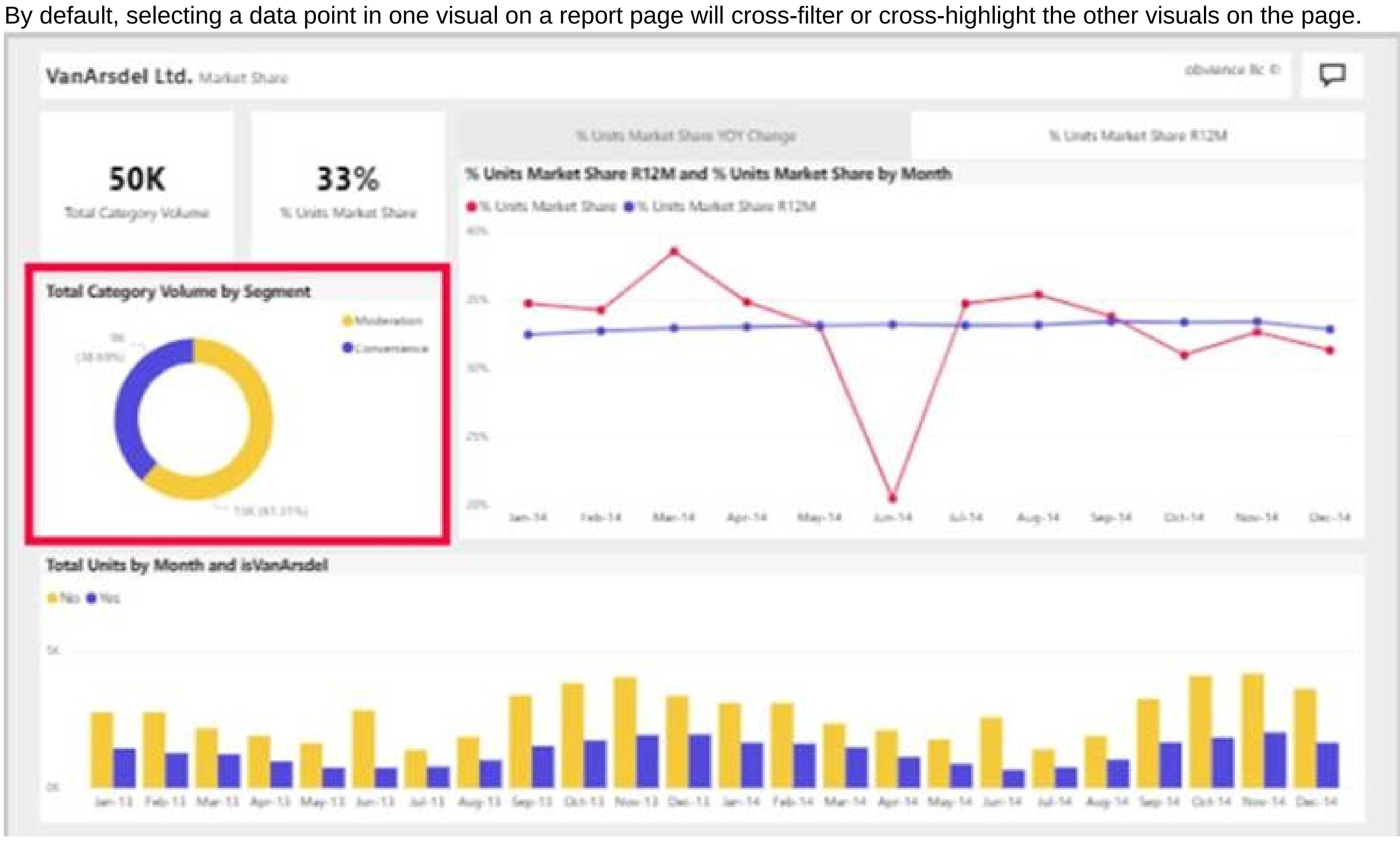
Selecting a quarter on the line chart will **[answer choice]** the clustered column chart.
- cross-filter
- cross-highlight
- not affect

Selecting a data point on the Tailspin Toys line on the line chart will **[answer choice]** the map.
- cross-filter
- cross-highlight
- not affect

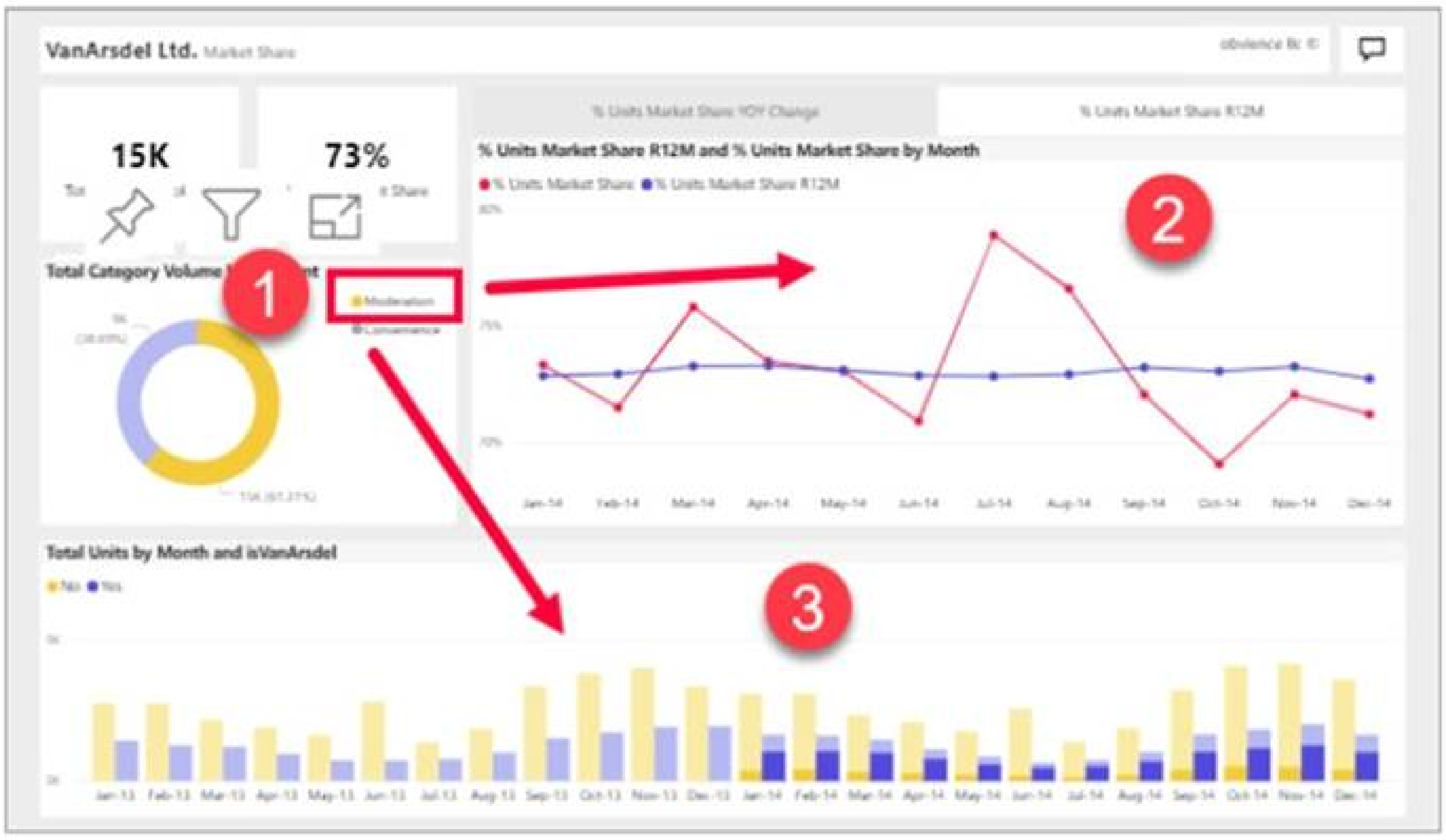
A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: cross-filter
By default, selecting a data point in one visual on a report page will cross-filter or cross-highlight the other visuals on the page.
Box 2: cross-highlight Example:
By default, selecting a data point in one visual on a report page will cross-filter or cross-highlight the other visuals on the page.



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



* 2. Cross-filtering removes data that doesn't apply. Selecting Moderation in the doughnut chart cross-filters the line chart. The line chart now only displays data points for the Moderation segment.
* 3. Cross-highlighting retains all the original data points but dims the portion that does not apply to your selection. Selecting Moderation in the doughnut chart cross-highlights the column chart. The column chart dims all the data that applies to the Convenience segment and highlights all the data that applies to the Moderation segment.
Reference:
https://docs.microsoft.com/en-us/power-bi/consumer/end-user-interactions

NEW QUESTION 196
- (Exam Topic 4)
Your company plans to completely separate development and production assets such as datasets, reports, and dashboards in Microsoft Power BI.
You need to recommend an application lifecycle strategy. The solution must minimize access to production assets and prevent end users from viewing the development assets.
What should you recommend?

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

Answer: C

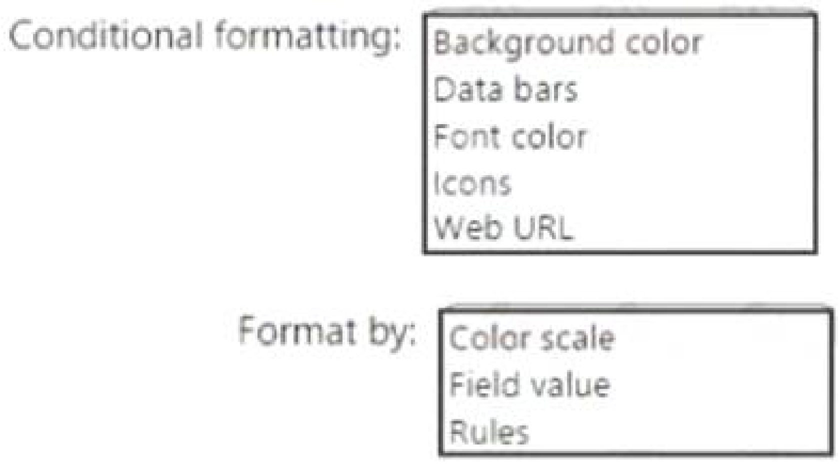
Explanation:
Use different work stages (Development, Test, and Production). Deploy from the Development workspace.
Reference:
https://visualbi.com/blogs/microsoft/powerbi/application-lifecycle-management-power-bi/

NEW QUESTION 201
- (Exam Topic 4)
You need to create a visual as shown in the following exhibit.

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

The indicator color for Total Sales will be based on % Growth to Last Year. The solution must use the existing calculations only.
How should you configure the visual? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Background color
To format the Color column based on its field values, select Conditional formatting for the Color field, and then select Background color or Font color.
In the Background color or Font color dialog box, select Field value from the Format by drop-down field. Box 2: Field value
With conditional formatting for tables in Power BI Desktop, you can specify customized cell colors, including color gradients, based on field values.
Reference:
https://docs.microsoft.com/en-us/power-bi/create-reports/desktop-conditional-table-formatting

NEW QUESTION 204
- (Exam Topic 4)
You are reviewing a query that produces 10,000 rows in the Power Query Editor. You need to identify whether a column contains only unique values.
Which two Data Preview options can you use? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

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

Answer: AB

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

NEW QUESTION 206
- (Exam Topic 4)
Your company has employees in 10 states.
The company recently decided to associate each state to one of the following three regions: East, West, and North.
You have a data model that contains employee information by state. The model does NOT include region information.
You have a report that shows the employees by state.
You need to view the employees by region as quickly as possible. What should you do?

A. Create a new aggregation that summarizes by employee.
B. Create a new group on the state column and set the Group type to List.
C. Create a new group on the state column and set the Group type to Bin.
D. Create a new aggregation that summarizes by state.

Answer: B

Explanation:
https://www.mssqltips.com/sqlservertip/4720/binning-and-grouping-data-with-power-bi/

NEW QUESTION 207
- (Exam Topic 4)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the

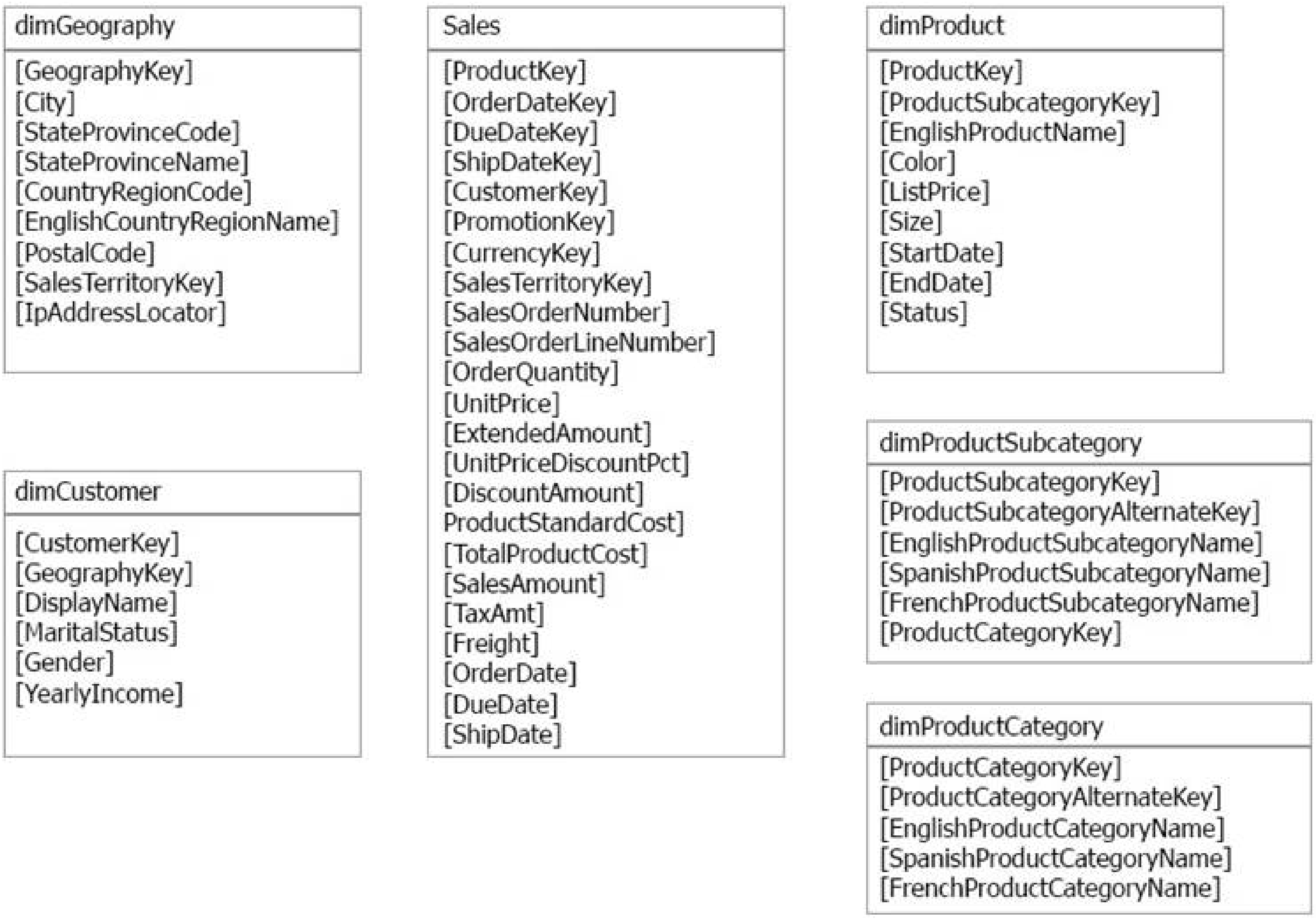
stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You create a parameter named DataSourceExcel that holds the file name and location of a Microsoft Excel data source.
You need to update the query to reference the parameter instead of multiple hard-coded copies of the location within each query definition.
Solution: You modify the source step of the queries to use DataSourceExcel as the file path. Does this meet the goal?

A. Yes
B. No

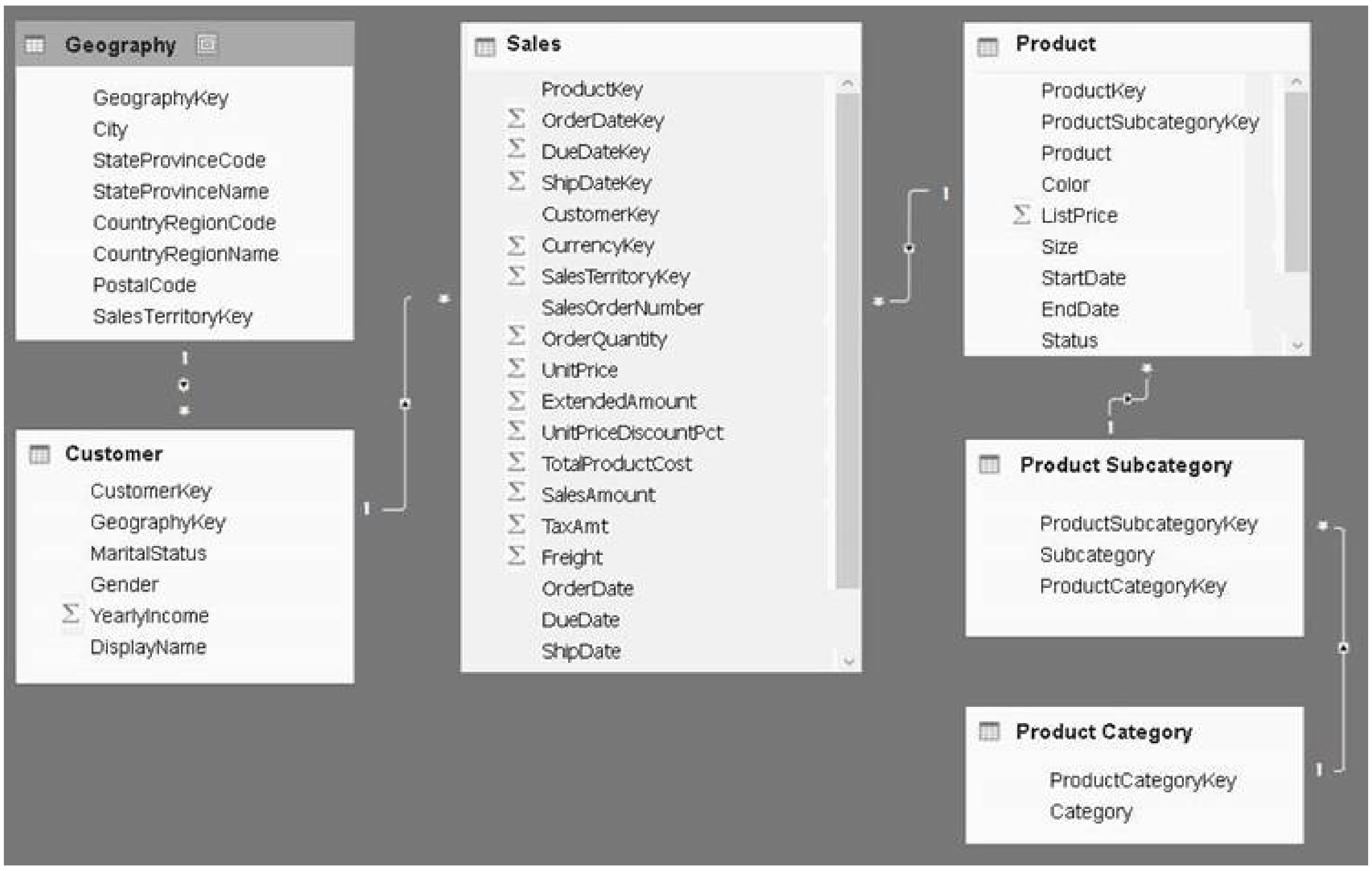
Answer: A

Explanation:
Parameterising a Data Source could be used in many different use cases. From connecting to different data sources defined in Query Parameters to load different combinations of columns.
Reference:
https://www.biinsight.com/power-bi-desktop-query-parameters-part-1/

NEW QUESTION 208
- (Exam Topic 4)
Note: This question is a part of a series of questions that present the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is exactly the same in each question in this series.
Start of repeated scenario
You have a Microsoft SQL Server database that has the tables shown in the Database Diagram exhibit. (Click the Exhibit.)



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



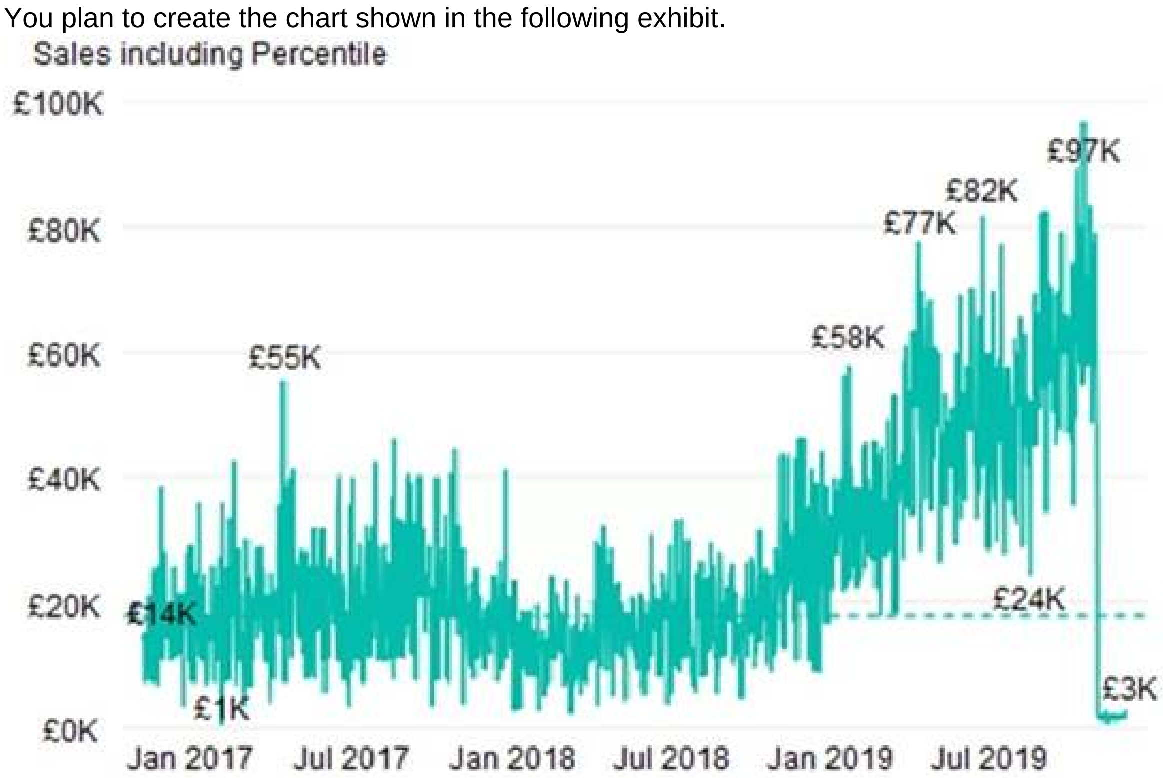
You plan to use Power BI to import data from 2013 to 2015. Product Subcategory [Subcategory] contains NULL values. End of repeated scenario.
You implement the Power BI model.
You need to add a new column to the Product Subcategory table that uses the following formula.
=if [Subcategory] =null then "NA" 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 212
- (Exam Topic 4)
You plan to create the chart shown in the following exhibit.



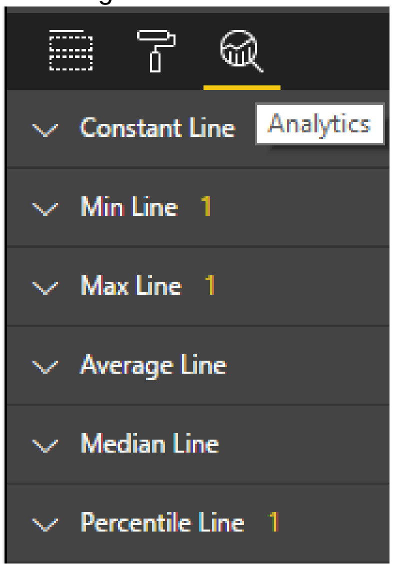
How should you create the dashed horizontal line denoting the 40th percentile of daily sales for the period shown?

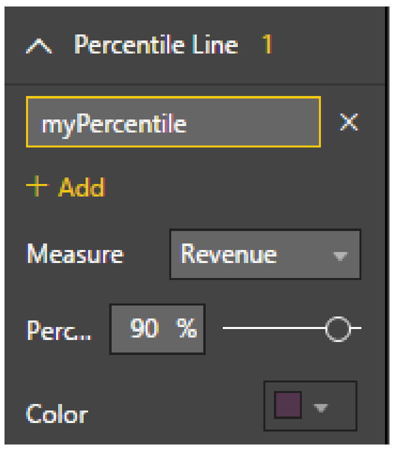
A. Create a horizontal line that has a fixed value of 24,000.
B. Add a measure to the visual that uses the following DAX expression.Heasurel - PERCENTUEX.EXC (Sales,Sales[Total Sales],©.40)
C. Add a new percentile line that uses Total Sales as the measure and 40% as the percentile.
D. Add a measure to the visual that uses the following DAX expression.Heasurel = PERCENTILEX.INC (Sales,Sales[Total Sales],6.40)

Answer: C

Explanation:
The analytics feature enables you to show percentiles across groups specified along a specific axis. Example:
* 1. Click on the analytics tab

* 2. Select Percentile
* 3. You can choose a specific percentile along with other formatting options.
* 4. Drag a date or non-numeric dimension into the Axis of a column chart





Add percentile lines to monitor daily revenue

NEW QUESTION 216
- (Exam Topic 4)
You are creating a Microsoft Power BI model that has two tables named CityData and Sales. CityData contains only the data shown in the following table.

State (CityData)	City	Population (million)
CA	Los Angeles	4.00
CA	San Francisco	0.90
New York	New York	8.50
WA	Seattle	0.70
WA	Spokane	0.20

Sales contains only the data shown in the following table.

State (Sales)	Type	Sales
CA	Internet	60
CA	Store	80
TX	Store	400
WA	Internet	150
WA	Store	100

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

Answer Area

Statements	Yes	No
In the Sales table, you can write a DAX expression that uses the RELATED() function to get data from the CityData table.	○	○
A DAX expression of Sales total =CALCULATE(SUM(Sales[Sales]),ALL(Sales)) will produce the correct total sales value for each state, based on the data model.	○	○
A table visualization that uses CityData[State] and Sales[Sales] will contain sales from the state of TX.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Text Description automatically generated
Box 1: Yes
The Related function returns a related value from another table.
The RELATED function requires that a relationship exists between the current table and the table with related information. You specify the column that contains the data that you want, and the function follows an existing many-to-one relationship to fetch the value from the specified column in the related table. If a relationship does not exist, you must create a relationship.
Box 2: Yes
Box 3: No
TX only occurs in the Sales table, but not in the CityData table. Reference:
https://docs.microsoft.com/en-us/dax/related-function-dax
https://docs.microsoft.com/en-us/dax/calculate-function-dax

NEW QUESTION 218
- (Exam Topic 4)
You have a power BI tenant that hosts the datasets shown in the following table.

Name	Contents	Used to generate
Sales	Sales targets Sales data Employee salary data	Daily performance reports Quarterly reports used to calculate bonuses
Operations	Environmental sensor data	Reports that show average sensor readings over time
Finance	Financial transaction data	Budget planning reports Monthly board reports

You have the following requirements:
• The export of reports that contain Personally Identifiable Information (Pll) must be prevented.
• Data used for financial decisions must be reviewed and approved before use.
For each of the following statements, select Yes if the statement is true. Otherwise select No. NOTE: Each correct selection is worth one point

Answer Area

Statements	Yes	No
The Sales dataset requires a sensitivity label.	○	○
The Operations dataset requires a sensitivity label and must be certified.	○	○
The Finance dataset requires a sensitivity label and must be certified.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
The Sales dataset requires a sensitivity label.		
The Operations dataset requires a sensitivity label and must be certified.		
The Finance dataset requires a sensitivity label and must be certified.		

NEW QUESTION 223
- (Exam Topic 4)
You have a query that returns the data shown in the following exhibit.

	student	classes
1	Mike A	Math,English,Art
2	Sam B	Physics
3	Kathy S	English, Math

You need to configure the query to display the data as shown in the following exhibit.

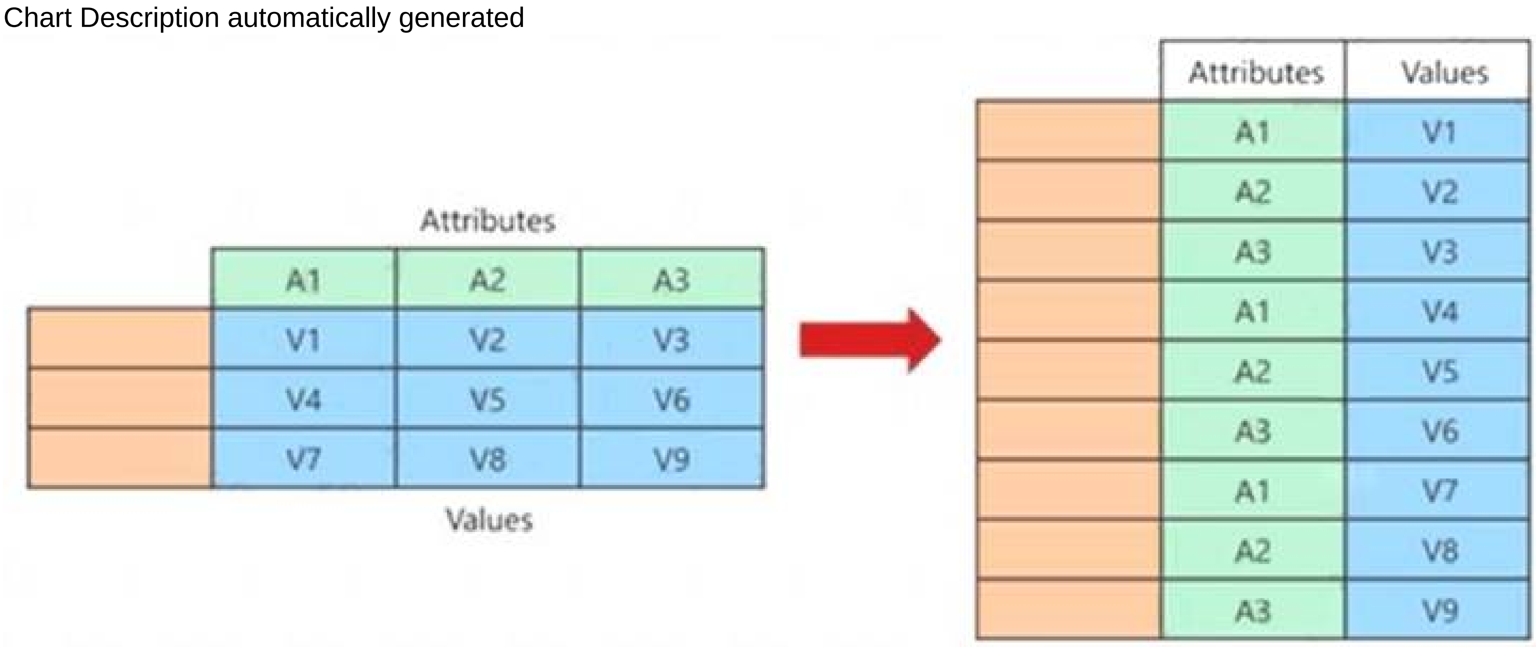
	student	classes
1	Mike A	Math
2	Mike A	English
3	Mike A	Art
4	Sam B	Physics
5	Kathy S	English
6	Kathy S	Math

Which step should you use in the query?

A. =Table.ExpandListColum(Table.TransformColunins(Source, {{"classes".Splitter.SplitTextByDelimiter(",", QuoteStyle.None), let itemType - (type nullable text) meta [Serialized.Text = true] in type {itemType}}}), "classes")
B. = Table.Unpivot(Source, {"classes"}, "Attribute", "Value")
C. = Table.SplitColumn(Source, "classes". Splitter.SplitTextByDelimiterf",", QuoteStyle.None),{"classes.1"})
D. = Table.SplitColumn(Source, "classes". Splitter.SplitTextByPositions({10}), {"classes.1"})

Answer: B

Explanation:
Power Query Unpivot columns: You might want to unpivot data, sometimes called flattening the data, to put it in a matrix format so that all similar values are in one column. This is necessary, for example, to create a chart or a report.
Chart Description automatically generated



Note:
Syntax: Table.Unpivot(table as table, pivotColumns as list, attributeColumn as text, valueColumn as text) as table
Table.Unpivot translates a set of columns in a table into attribute-value pairs, combined with the rest of the values in each row.
Reference:
https://docs.microsoft.com/en-us/power-query/unpivot-column https://docs.microsoft.com/en-us/powerquery-m/table-unpivot

NEW QUESTION 225
- (Exam Topic 4)
You open a query in Power Query Editor.
You need to identify the percentage of empty values in each column as quickly as possible. Which Data Preview option should you select?

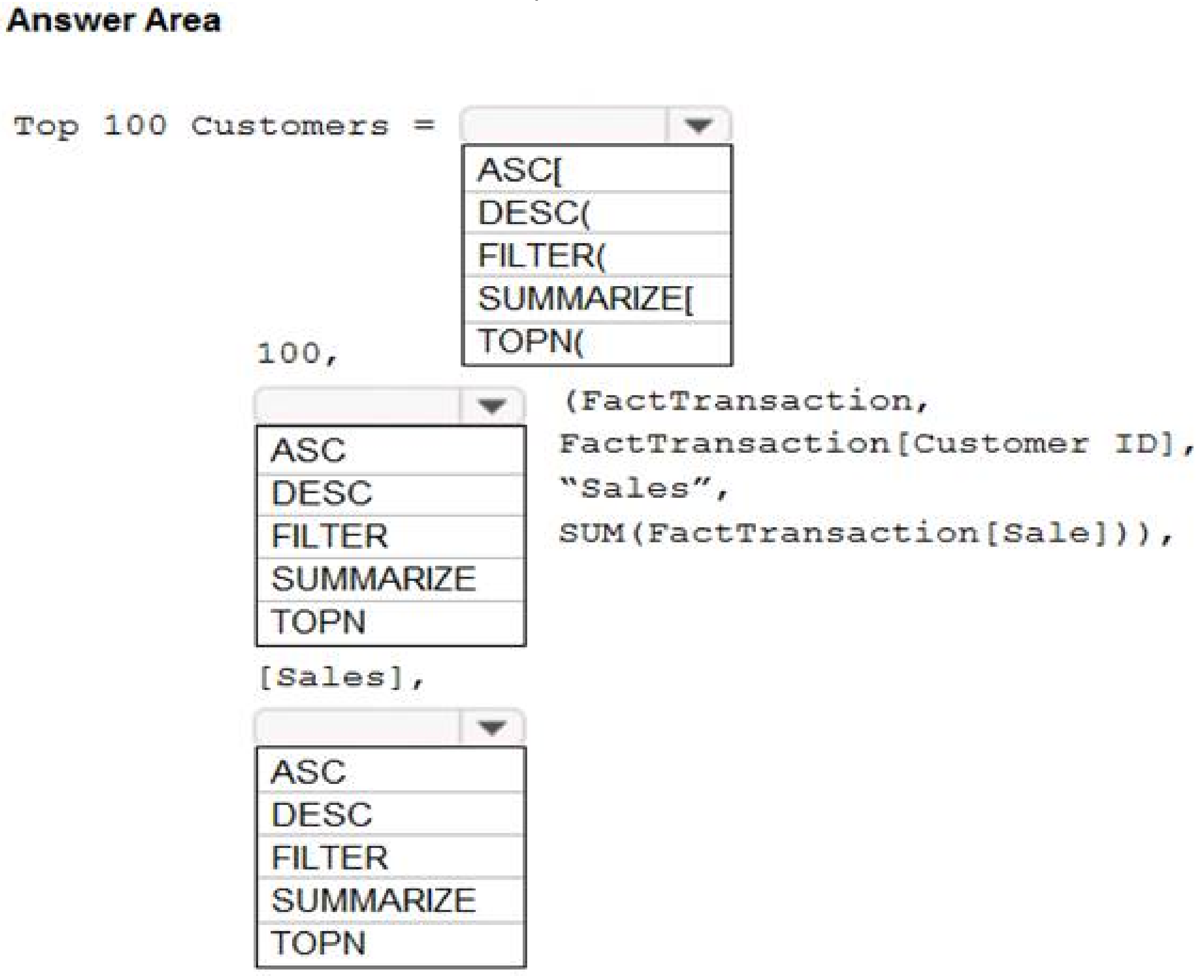
A. Show whitespace
B. Column profile
C. Column distribution
D. Column quality

Answer: D

Explanation:
Column quality: In this section, we can easily see valid, Error and Empty percentage of data values associated with the Selected table.
Note: In Power Query Editor, Under View tab in Data Preview Section we can see the following data profiling functionalities:
- Column quality
- Column distribution
- Column profile

Reference:
https://community.powerbi.com/t5/Community-Blog/Data-Profiling-in-Power-BI-Power-BI-Update-April-2019/

NEW QUESTION 227
- (Exam Topic 4)
You have a Power BI report.
You need to create a calculated table to return the 100 highest spending customers.
How should you complete the DAX expression? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: TOPN
TOPN returns the top N rows of the specified table. Box 2: SUMMARIZE
SUMMARIZE returns a summary table for the requested totals over a set of groups. Box 3: DESC
Sort in descending order.
It is last in the TOPN command. TOPN syntax:
TOPN(<n_value>, <table>, <orderBy_expression>, [<order>[, <orderBy_expression>, [<order>]]…]) Reference:
https://docs.microsoft.com/en-us/dax/topn-function-dax
https://docs.microsoft.com/en-us/dax/summarize-function-dax

NEW QUESTION 229
- (Exam Topic 4)
You are creating a Microsoft Power BI imported data model to perform basket analysis. The goal of the analysis is to identify which products are usually bought together in the same transaction across and within sales territories.
You import a fact table named Sales as shown in the exhibit. (Click the Exhibit tab.)

Column name	Data type	Description
SalesRowID	Integer	ID of the row from the source system, which represents a unique combination of SalesOrderNumber and SalesOrderLineNumber
ProductKey	Integer	Surrogate key that relates to the product dimension
OrderDateKey	Integer	Surrogate key that relates to the date dimension and is in the YYYYMMDD format
OrderDate	Datetime	Date and time an order was processed
CustomerKey	Integer	Surrogate key that relates to the customer dimension
SalesTerritoryKey	Integer	Surrogate key that relates to the sales territory dimension
SalesOrderNumber	Integer	Unique identifier of an order
SalesOrderLineNumber	Integer	Unique identifier of a line within an order
OrderQuantity	Integer	Quantity of the product ordered
LineTotal	Decimal	Total sales amount of a line before tax
TaxAmt	Decimal	Amount of tax charged for the items on a specified line within an order
Freight	Decimal	Amount of freight charged for the items on a specified line within an order
LastModified	Datetime	The date and time that a row was last modified in the source system
AuditID	Integer	The ID of the data load process that last updated a row

The related dimension tables are imported into the model.
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Answer Area

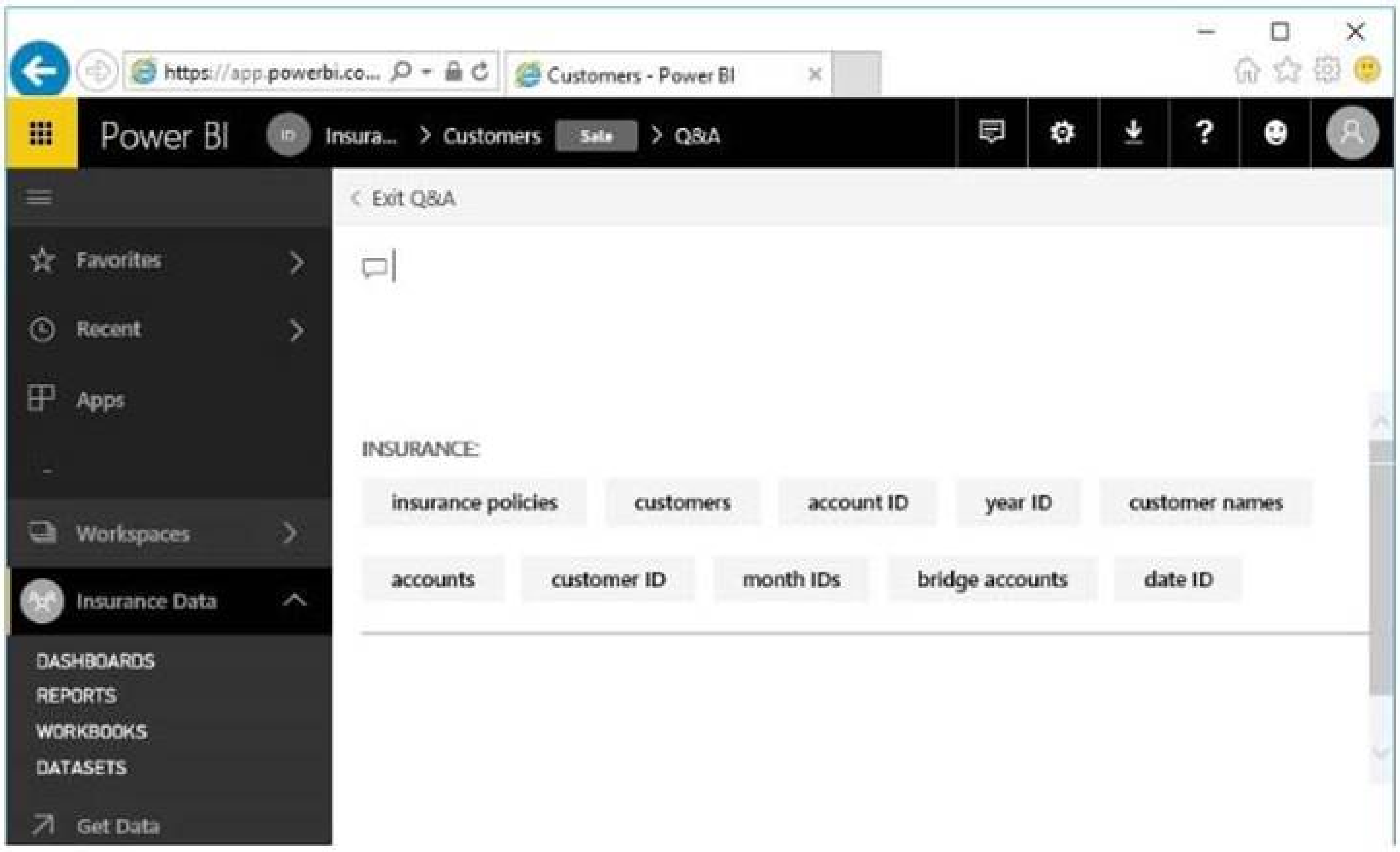
Statements	Yes	No
The SalesRowID and AuditID columns can be removed from the model without impeding the analysis goals.	○	○
Both the OrderDateKey and OrderDate columns are necessary to perform the basket analysis.	○	○
The TaxAmt column must retain the current number of decimal places to perform the basket analysis.	○	○

A. Mastered
B. Not Mastered

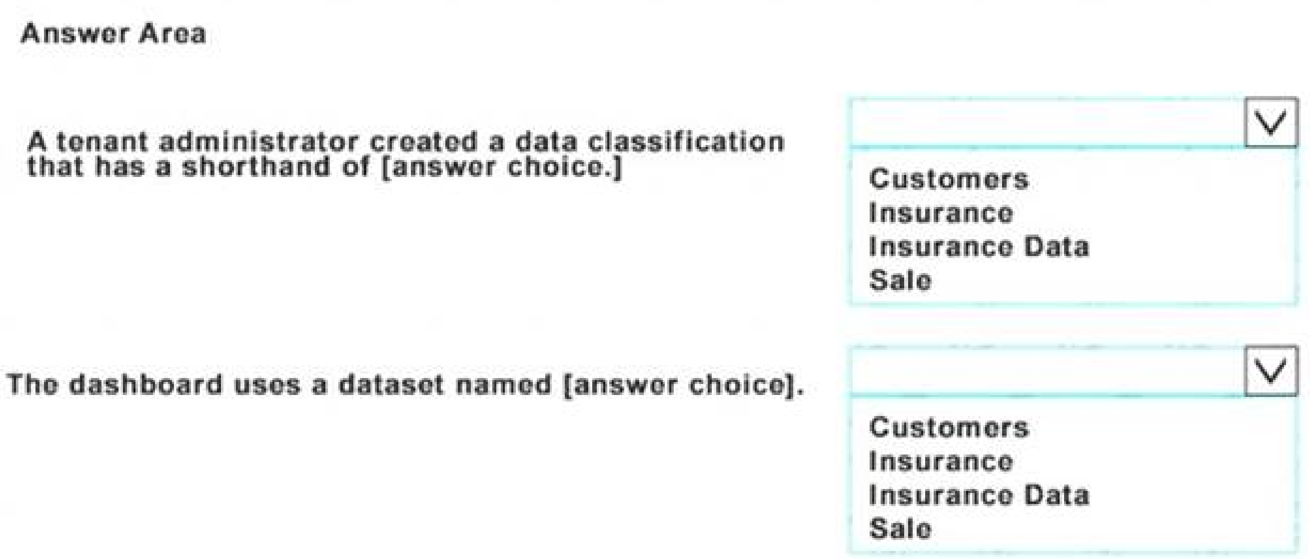
Answer: A

Explanation:
Reference:
https://finance-bi.com/power-bi-basket-analysis/

NEW QUESTION 233
- (Exam Topic 4)
You open powerbi.com as shown in the following exhibit.



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



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface, text, application, Word, email Description automatically generated
References: https://docs.microsoft.com/en-us/power-bi/service-data-classification

NEW QUESTION 238
- (Exam Topic 4)
You have a report that contains three pages. One of the pages contains a KPI visualization. You need to filter all the visualizations in the report except for the KPI visualization. Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

A. Add the same slicer to each page and configure Sync slicers.
B. Edit the interactions of the KPI visualization.
C. Configure a page-level filter.
D. Edit the interactions of the slicer that is on the same page as the KPI visualization.
E. Configure a report-level filter.

Answer: AD

Explanation:
Slicers are another way of filtering. They narrow the portion of the dataset that is shown in the other report visualizations.
By default, slicers on report pages affect all the other visualizations on that page, including each other. Use visual interactions to exclude some page visualizations from being affected by others.
Reference:
https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-slicers

NEW QUESTION 239
- (Exam Topic 4)

You plan to use Power BI Desktop optimized for Power BI Report Server to create a report. The report will be published to Power BI Report Server.
You need to ensure that all the visualization in the report can be consumed by users.
Which two types of visualizations should you exclude from the report? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. Funnel charts
B. Custom visuals
C. Bubble maps
D. Breadcrumbs
E. R visuals

Answer: DE

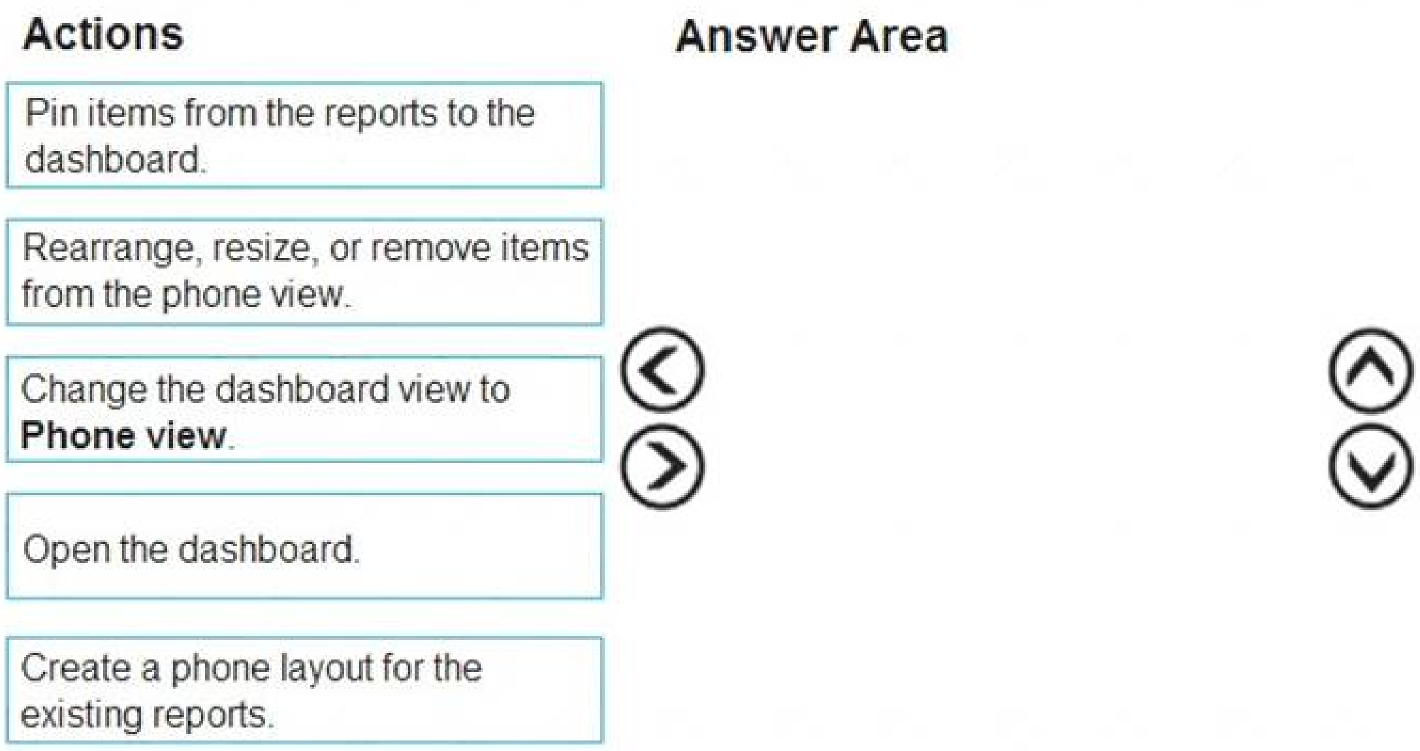
Explanation:
References: https://powerbi.microsoft.com/en-us/guided-learning/reportserver-quickstart-powerbi-report/

NEW QUESTION 243
- (Exam Topic 4)
Your company plans to completely separate development and production assets such as datasets, reports, and dashboards in Microsoft Power BI.
You need to recommend an application lifecycle strategy. The solution must minimize maintenance to update access and prevent end users from viewing the development assets.
What should you recommend?

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

Answer: C

NEW QUESTION 246
- (Exam Topic 4)
You are using existing reports to build a dashboard that will be viewed frequently in portrait mode on mobile phones.
You need to build the dashboard.
Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
* 1. Pin items from report to Dashboard.
* 2. Open Dashboard.
* 3. Change the dashboard view to Phone view.
* 4. Rearrange, resize the visuals.

NEW QUESTION 251
- (Exam Topic 4)
You plan to create a dashboard in the Power BI service that retrieves data from a Microsoft SQL Server database. The dashboard will be shared between the users in your organization.
You need to ensure that the users will see the current data when they view the dashboard. How should you configure the connection to the data source?

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

Answer: D

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

NEW QUESTION 253
- (Exam Topic 4)
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 258
- (Exam Topic 4)
You have a sales system that contains the tables shown in the following table.

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

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

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

Answer: B

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

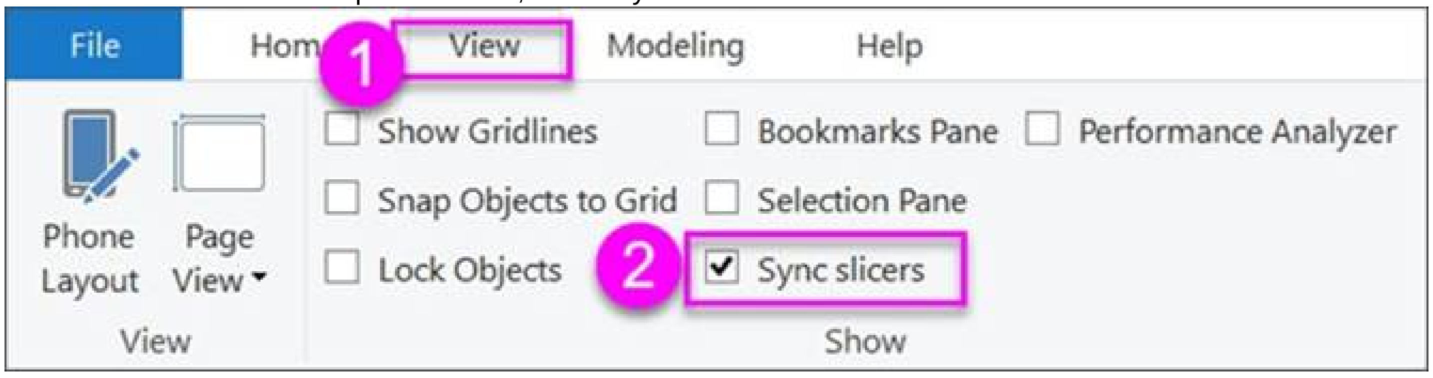
NEW QUESTION 262
- (Exam Topic 4)
You have a report that contains four pages. Each page contains slicers for the same four fields. Users report that when they select values on a slicer on one page, the visuals are not updated on all the pages. You need to
recommend a solution to ensure that users can select a value once to filter the results on all the pages. What are two possible recommendations to achieve this goal? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

A. Sync the slicers across the pages.
B. Replace the slicers with page-level filters.
C. Replace the slicers with visual-level filters.
D. Create a bookmark for each slicer value.
E. Replace the slicers with report-level filters.

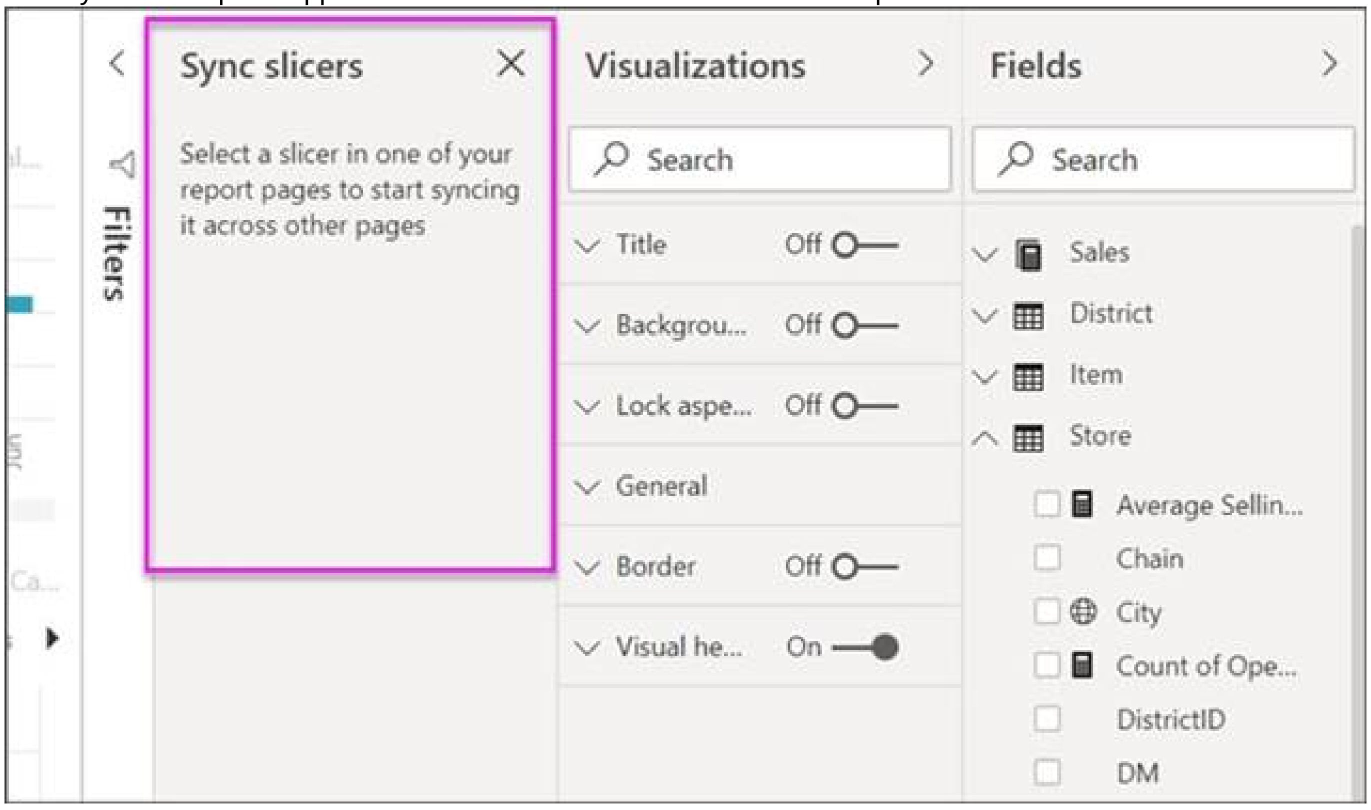
Answer: AE

Explanation:
Add a report-level filter to filter an entire report.
The visuals on the active page, and on all pages in the report, change to reflect the new filter. You can sync a slicer and use it on any or all pages in a report.

* 1. On the Power BI Desktop View menu, select Sync slicers.



The Sync slicers pane appears between the Filters and Visualizations panes.



Reference:
https://docs.microsoft.com/en-us/power-bi/create-reports/power-bi-report-add-filter https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-slicers

NEW QUESTION 265
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