Exam Questions DA-100

Analyzing Data with Microsoft Power BI

https://www.2passeasy.com/dumps/DA-100/

NEW QUESTION 1
- (Exam Topic 2)
You need to recommend a strategy to consistently define the business unit, department, and product category data and make the data usable across reports.
What should you recommend?

A. Create a shared dataset for each standardized entity.
B. Create dataflows for the standardized data and make the dataflows available for use in all imported datasets.
C. For every report, create and use a single shared dataset that contains the standardized data.
D. For the three entities, create exports of the data from the Power Bl model to Excel and store the data in Microsoft OneDrive for others to use as a source.

Answer: B

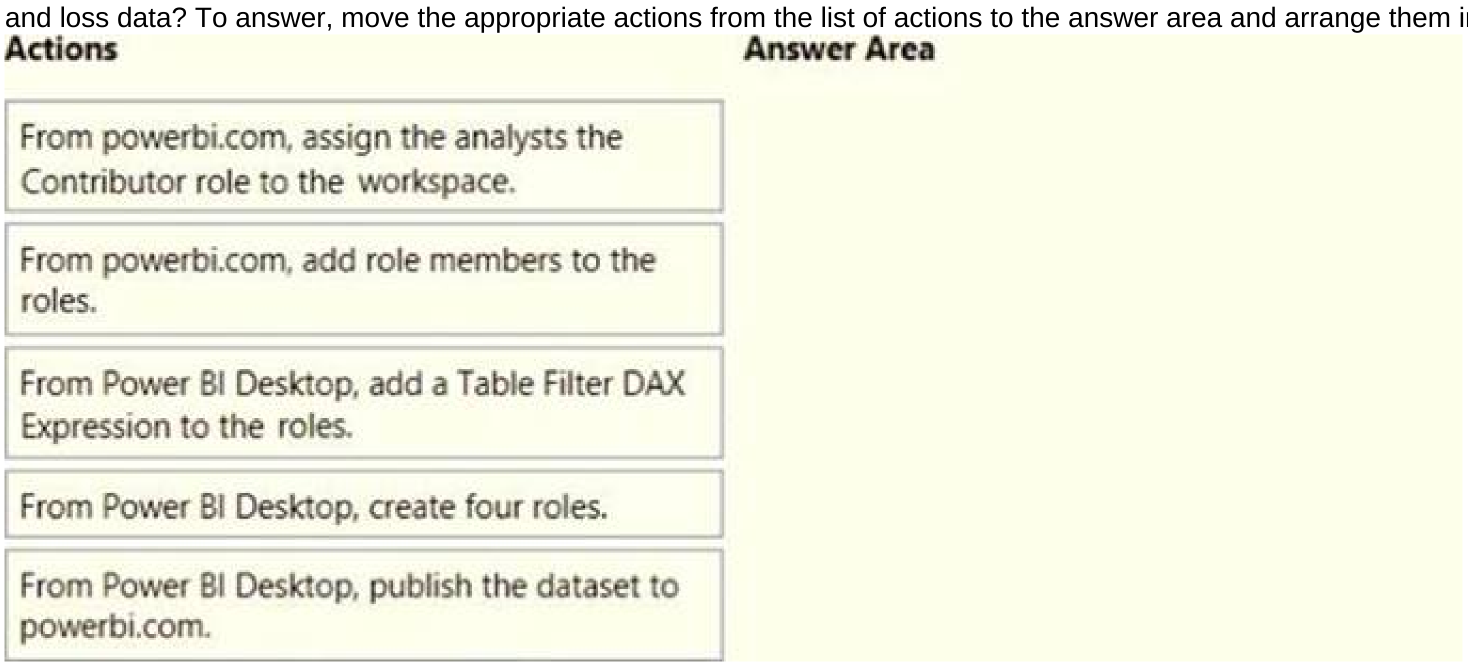
NEW QUESTION 2
- (Exam Topic 2)
Which DAX expression should you use to get the ending balances in the balance sheet reports?

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

Answer: A

Explanation:
Scenario: At least one of the balance sheet reports in the quarterly reporting package must show the ending balances for the quarter, as well as for the previous quarter.
DATESQTD returns a table that contains a column of the dates for the quarter to date, in the current context. Reference:
https://docs.microsoft.com/en-us/dax/datesqtd-function-dax

NEW QUESTION 3
- (Exam Topic 2)
Once the profit and loss dataset is created, which four actions should you perform in sequence to ensure that the business unit analysts see the appropriate profit and loss data? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.



A. Mastered
B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 4
- (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

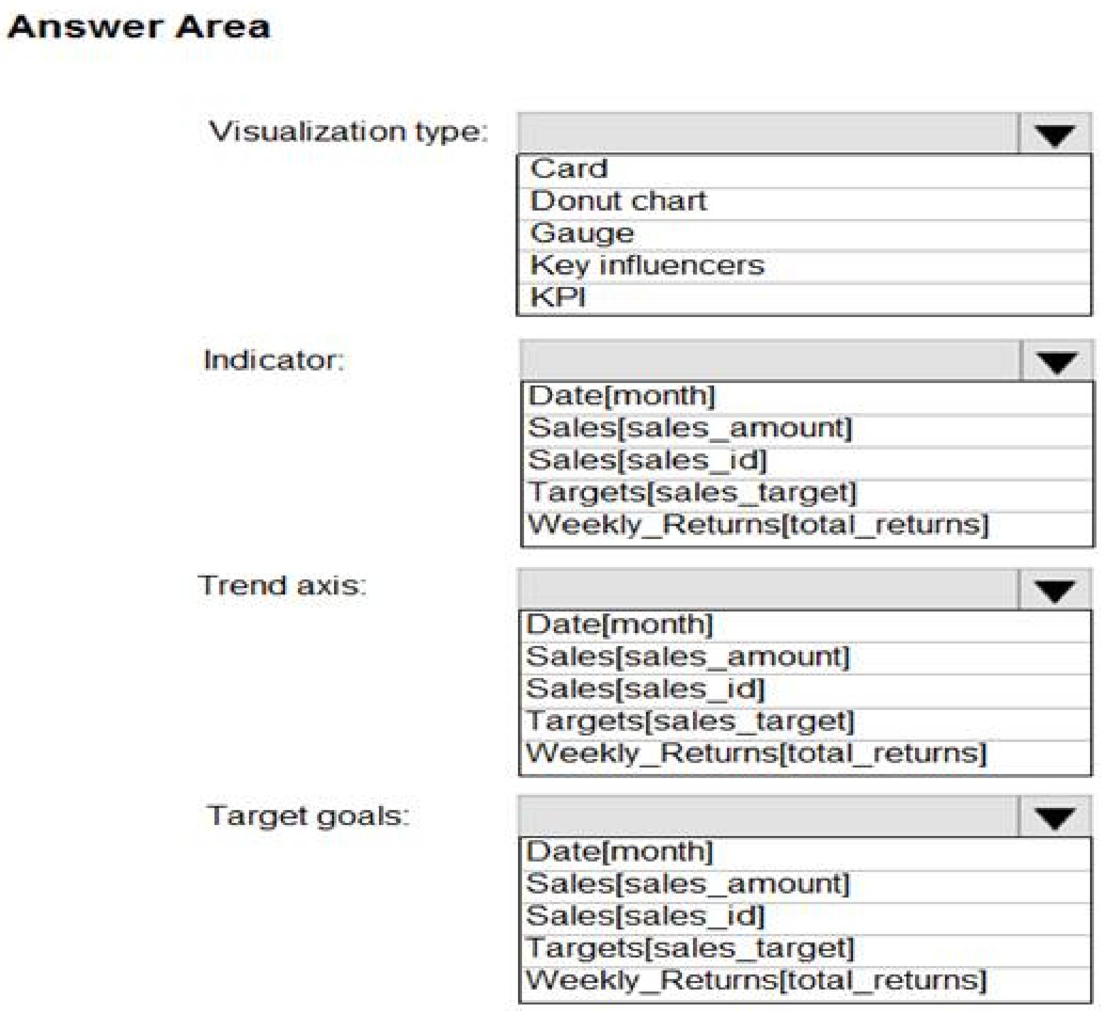
NEW QUESTION 5
- (Exam Topic 1)
You need to create relationships to meet the reporting requirements of the customer service department. What should you create?

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 6
- (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 7
- (Exam Topic 4)
You create a dataset sourced from dozens of flat files in Azure Blob storage. The dataset uses incremental refresh.
From powerbi.com, you deploy the dataset and several related reports to Microsoft Power BI Premium capacity.
You discover that the dataset refresh fails after the refresh runs out of resources. What is a possible cause of the issue?

A. Query folding is not occurring.
B. You selected Only refresh complete periods.
C. The data type of the column used to partition the data changed.
D. A filter is missing on the report.

Answer: A

Explanation:
The Power BI service partitions data based on date range. This is what enables only certain partitions to be refreshed incrementally. To make this work, the partition filter conditions are pushed down to the source system by including them in the queries. Using Power Query terminology, this is called “query folding”. It is not recommended that incremental refresh is used when the required query folding cannot take place.
Reference:
https://powerbi.microsoft.com/en-us/blog/incremental-refresh-query-folding/

NEW QUESTION 8
- (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:
https://docs.microsoft.com/en-us/power-bi/create-reports/desktop-custom-tooltips https://technovids.com/power-bi-filters/

NEW QUESTION 9
- (Exam Topic 4)
You build a report to help the sales team understand its performance and the drivers of sales. The team needs to have a single visualization to identify which factors affect success. Which type of visualization should you use?

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

Answer: A

Explanation:
The key influencers visual helps you understand the factors that drive a metric you're interested in. It analyzes your data, ranks the factors that matter, and displays them as key influencers.
The key influencers visual is a great choice if you want to:
- See which factors affect the metric being analyzed.
- Contrast the relative importance of these factors. For example, do short-term contracts have more impact on churn than long-term contracts?

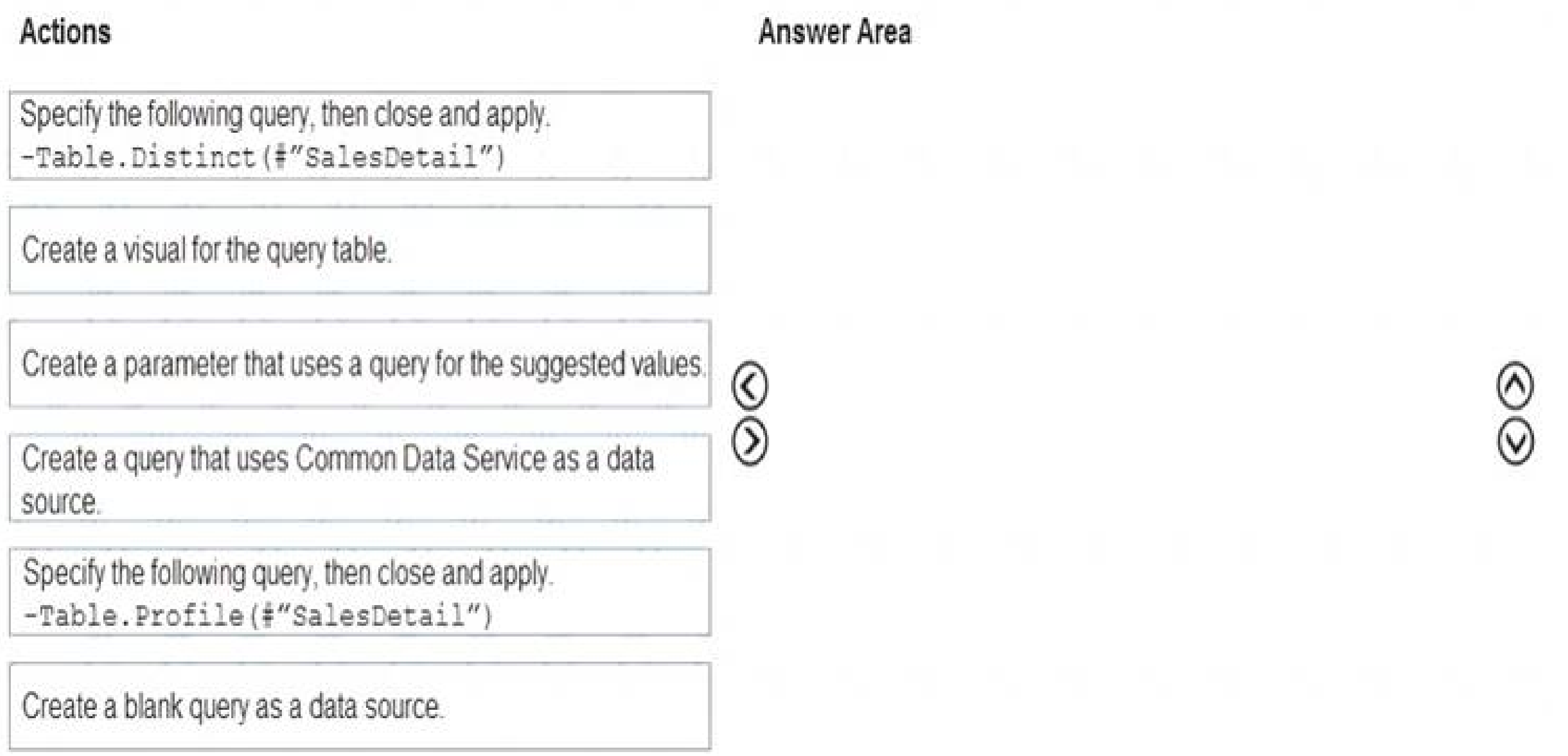
Reference:
https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-influencers

NEW QUESTION 10
- (Exam Topic 4)
You have a Microsoft Power BI report. The size of PBIX file is 550 MB. The report is accessed by using an App workspace in shared capacity of powerbi.com.
The report uses an imported dataset that contains one fact table. The fact table contains 12 million rows. The dataset is scheduled to refresh twice a day at 08:00 and 17:00.
The report is a single page that contains 15 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

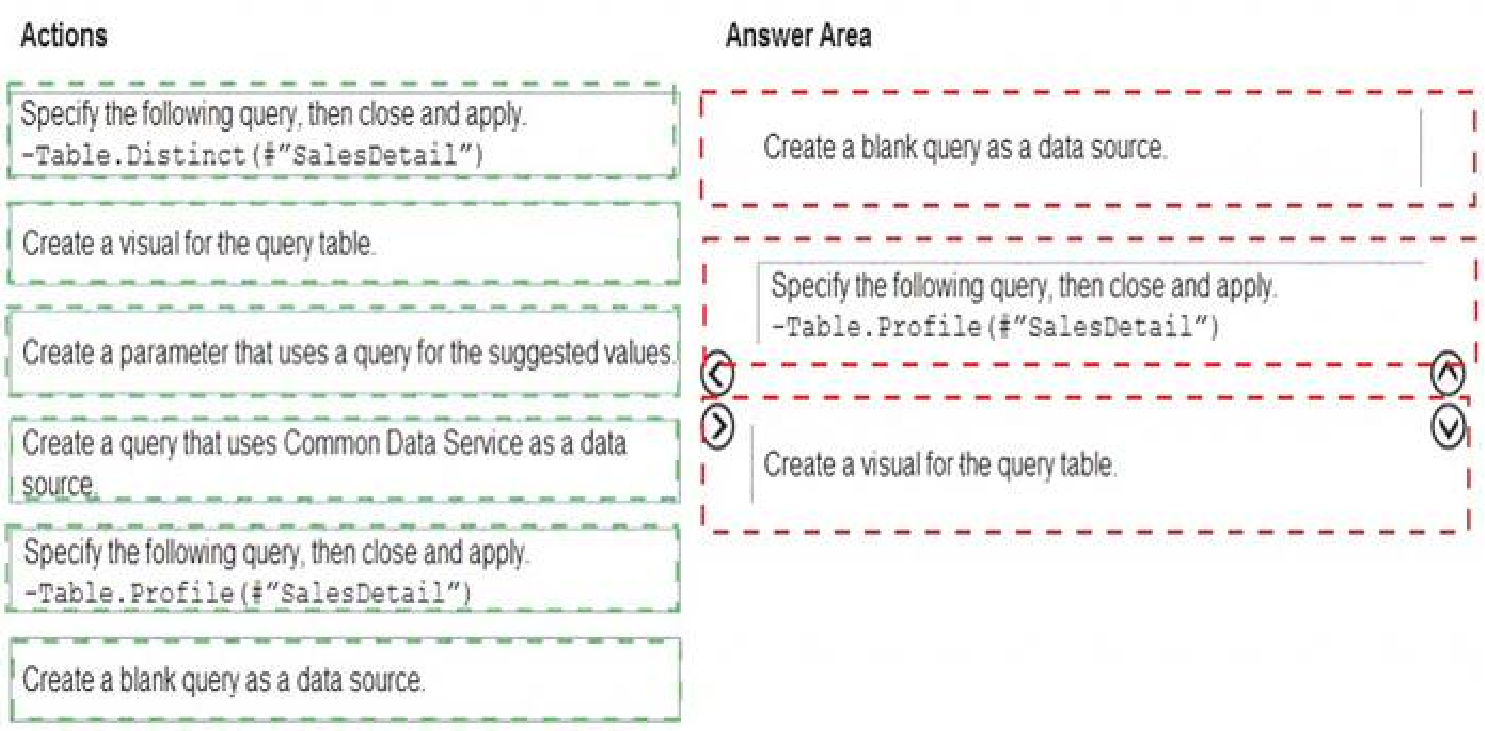
NEW QUESTION 10
- (Exam Topic 4)
You are modeling data in table named SalesDetail by using Microsoft Power BI.
You need to provide end users with access to the summary statistics about the SalesDetail data. The users require insights on the completeness of the data and the value distributions.
Which 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.



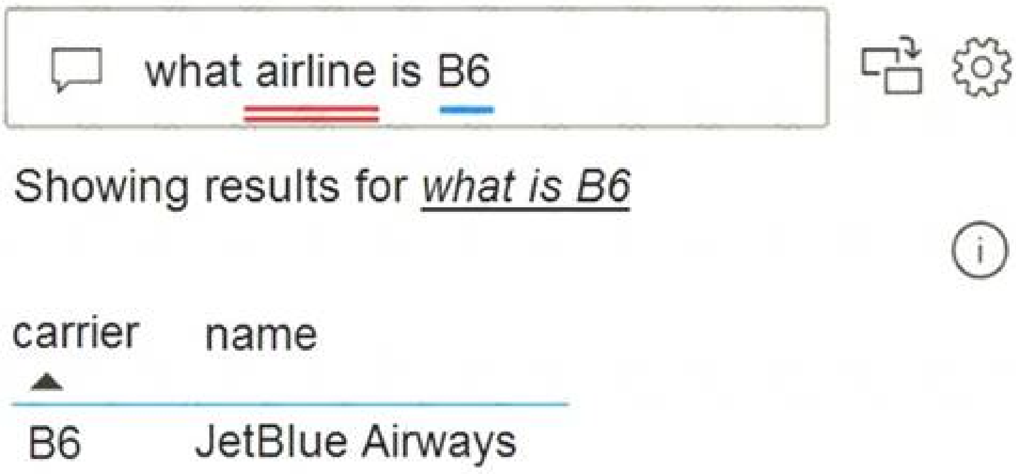
A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 12
- (Exam Topic 4)
You have a Q&A visual that displays information from a table named Carriers as shown in the following exhibit.



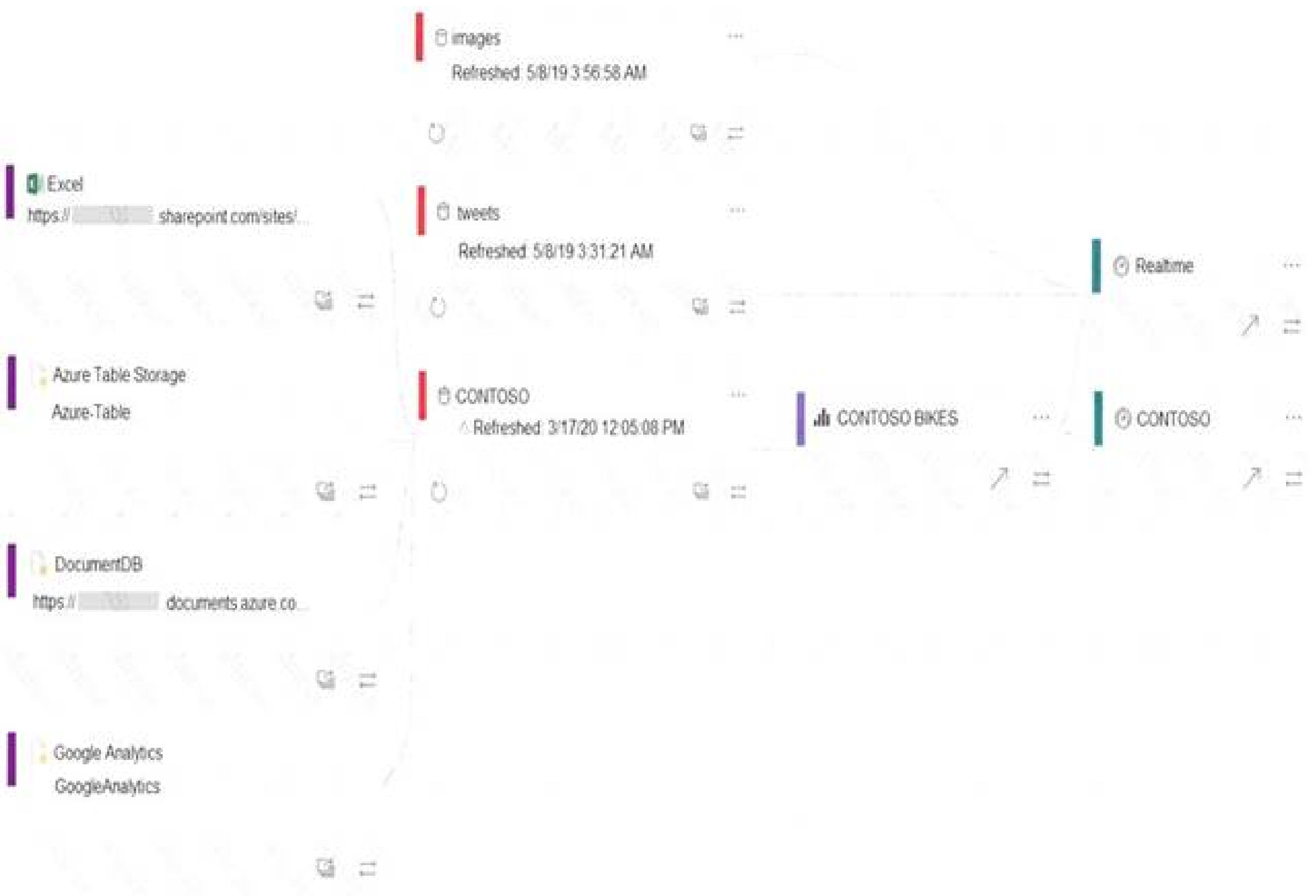
You need to ensure that users can ask questions by using the term airline or carrier. The solution must minimize changes to the data model.
What should you do?

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.

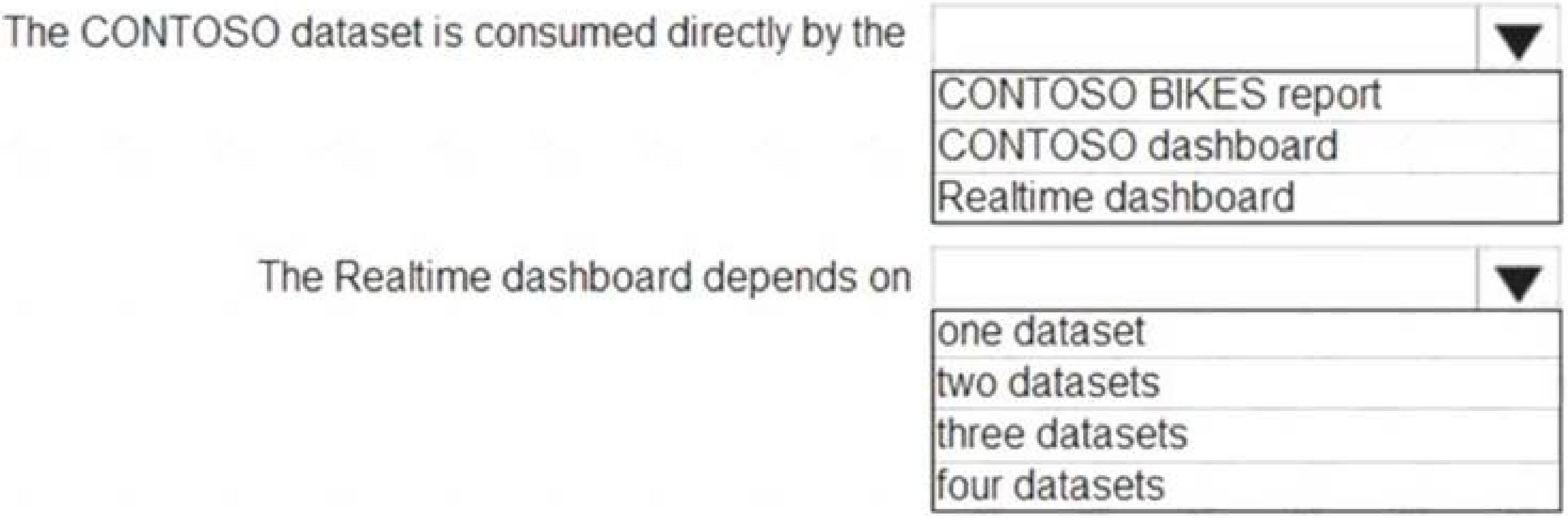
Answer: B

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 17
- (Exam Topic 4)
You have the data lineage shown in the following exhibit.



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



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Text, table Description automatically generated with medium confidence
Box 1: CONTOSO BIKES report Box 2: three datasets
Images, tweets and the Contoso datasets.

NEW QUESTION 20
- (Exam Topic 4)
You have five sales regions. Each region is assigned a single salesperson.
You have an imported dataset that has a dynamic row-level security (RLS) role named Sales. The Sales role filters sales transaction data by salesperson. Salespeople must see only the data from their region.
You publish the dataset to powerbi.com, set RLS role membership, and distribute the dataset and related reports to the salespeople.
A salesperson reports that she believes she should see more data. You need to verify what data the salesperson currently sees. What should you do?

A. Use the Test as role option to view data as the salesperson's user account.
B. Use the Test as role option to view data as the Sales role.
C. Instruct the salesperson to open the report in Microsoft Power BI Desktop.
D. Filter the data in the reports to match the intended logic in the filter on the sales transaction table.

Answer: B

Explanation:
Validate the roles within Power BI Desktop
- After you've created your roles, test the results of the roles within Power BI Desktop.From the Modeling tab, select View as.
A picture containing application Description automatically generatedThe View as roles window appears, where you see the roles you've created.Graphical user interface, text, application Description automatically
generated

- Select a role you created, and then select OK to apply that role.The report renders the data relevant for that role.
- You can also select Other user and supply a given user.Graphical user interface, application Description automatically generated
- Select OK.The report renders based on what that user can see.

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

NEW QUESTION 22
- (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 24
- (Exam Topic 4)
You use an R visual to produce a map of 500,000 customers. You include the values of CustomerID, Latitude, and Longitude in the fields sent to the visual. Each customer ID is unique.
In powerbi.com, when users load the visual, they only see some of the customers. What is the cause of the issue?

A. The visual was built by using a different version of R.
B. The data comes from a Microsoft SQL Server source.
C. The data is deduplicated.
D. Too many records were sent to the visual.

Answer: D

Explanation:
R visuals in the Power BI service have a few limitations including:
- Data size limitations – data used by the R visual for plotting is limited to 150,000 rows. If more than 150,000 rows are selected, only the top 150,000 rows are used and a message is displayed on the image. Additionally, the input data has a limit of 250 MB.

Reference:
https://docs.microsoft.com/en-us/power-bi/visuals/service-r-visuals

NEW QUESTION 25
- (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 30
- (Exam Topic 4)
Your company has training videos that are published to Microsoft Stream. You need to surface the videos directly in a Microsoft Power BI dashboard. Which type of tile should you add?

A. video
B. custom streaming data
C. text box
D. web content

Answer: D

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

NEW QUESTION 31
- (Exam Topic 4)
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:
A picture containing background pattern
Description automatically generated

NEW QUESTION 33
- (Exam Topic 4)
ion have a Power BI dataset that contains a table named Temperature Readings. Temperature Readings contains the columns shown in the following table.

Name	Data type	Value example
DateTime	DateTime	4-Aug-2020 13:30:01
Longitude	Decimal	10.049567988755534
Latitude	Decimal	53.462766759577057
TempCelsius	Decimal	12.5

The table has 12 million rows. All the columns are needed for analysis.
You need to optimize the dataset to decrease the model size. The solution must not affect the precision of the data.
What should you do?

A. Split the DateTime column into separate date and time columns.
B. Disable the Power Query load.
C. Round the Longitude column two decimal places.
D. Change the data type of the TempCelsius column to Integer

Answer: B

Explanation:
Disable Power Query load.
Power Query queries that are intended support data integration with other queries should not be loaded to the model. To avoid loading the query to the model, take care to ensure that you disable query load in these instances.
Reference:
https://docs.microsoft.com/en-us/power-bi/guidance/import-modeling-data-reduction#disable-power-query-quer

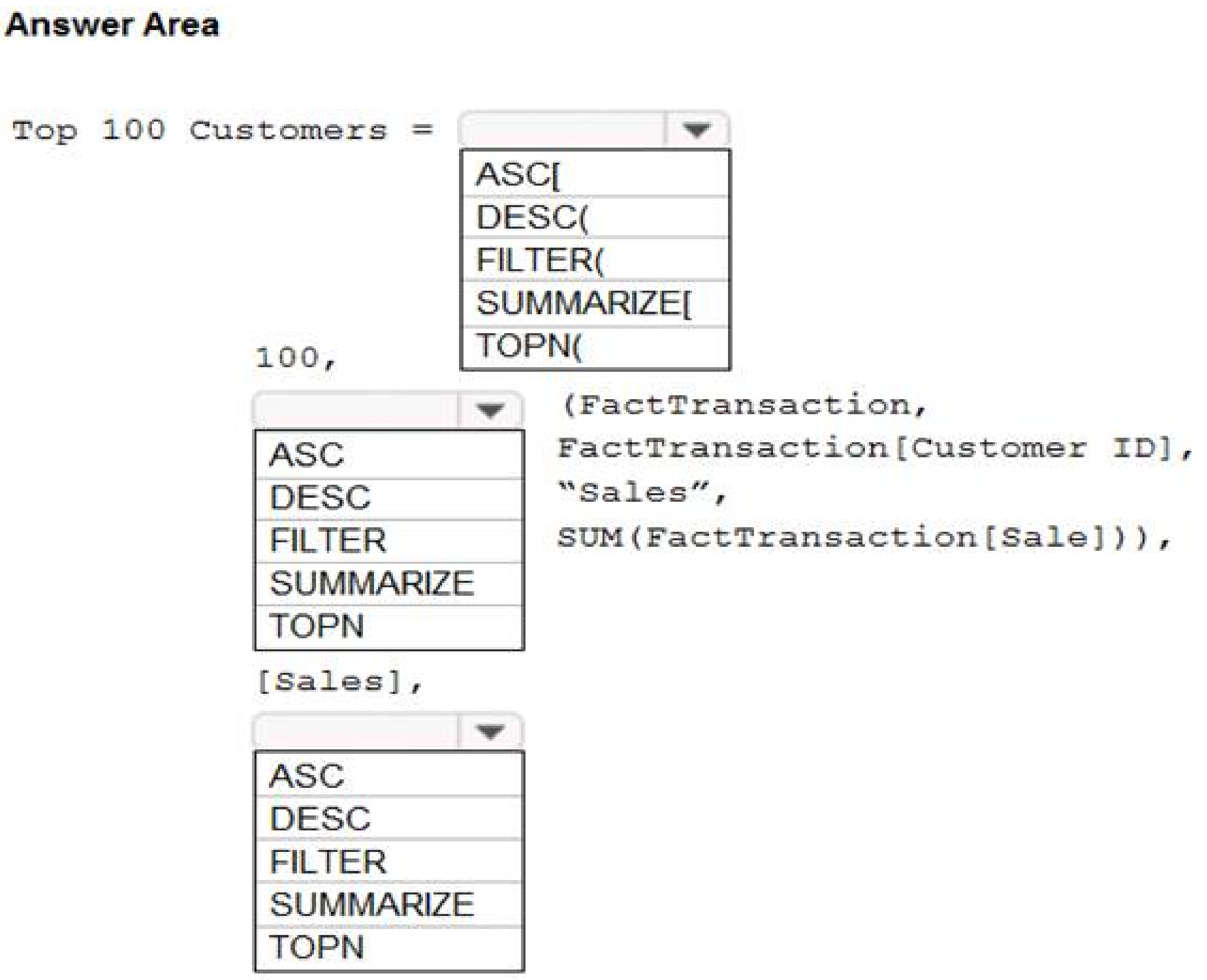
NEW QUESTION 37
- (Exam Topic 4)
You have a Power BI tenant.
You have reports that use financial datasets and are exported as PDF files. You need to ensure that the reports are encrypted.
What should you implement?

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

Answer: C

Explanation:
General availability of sensitivity labels in Power BI.
Microsoft Information Protection sensitivity labels provide a simple way for your users to classify critical content in Power BI without compromising productivity or the ability to collaborate. Sensitivity labels can be applied on datasets, reports, dashboards, and dataflows. When data is exported from Power BI to Excel, PowerPoint or PDF files, Power BI automatically applies a sensitivity label on the exported file and protects it according to the label's file encryption settings. This way your sensitive data remains protected no matter where it is.
Reference:
https://powerbi.microsoft.com/en-us/blog/announcing-power-bi-data-protection-ga-and-introducing-new-capabil

NEW QUESTION 41
- (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 46
- (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

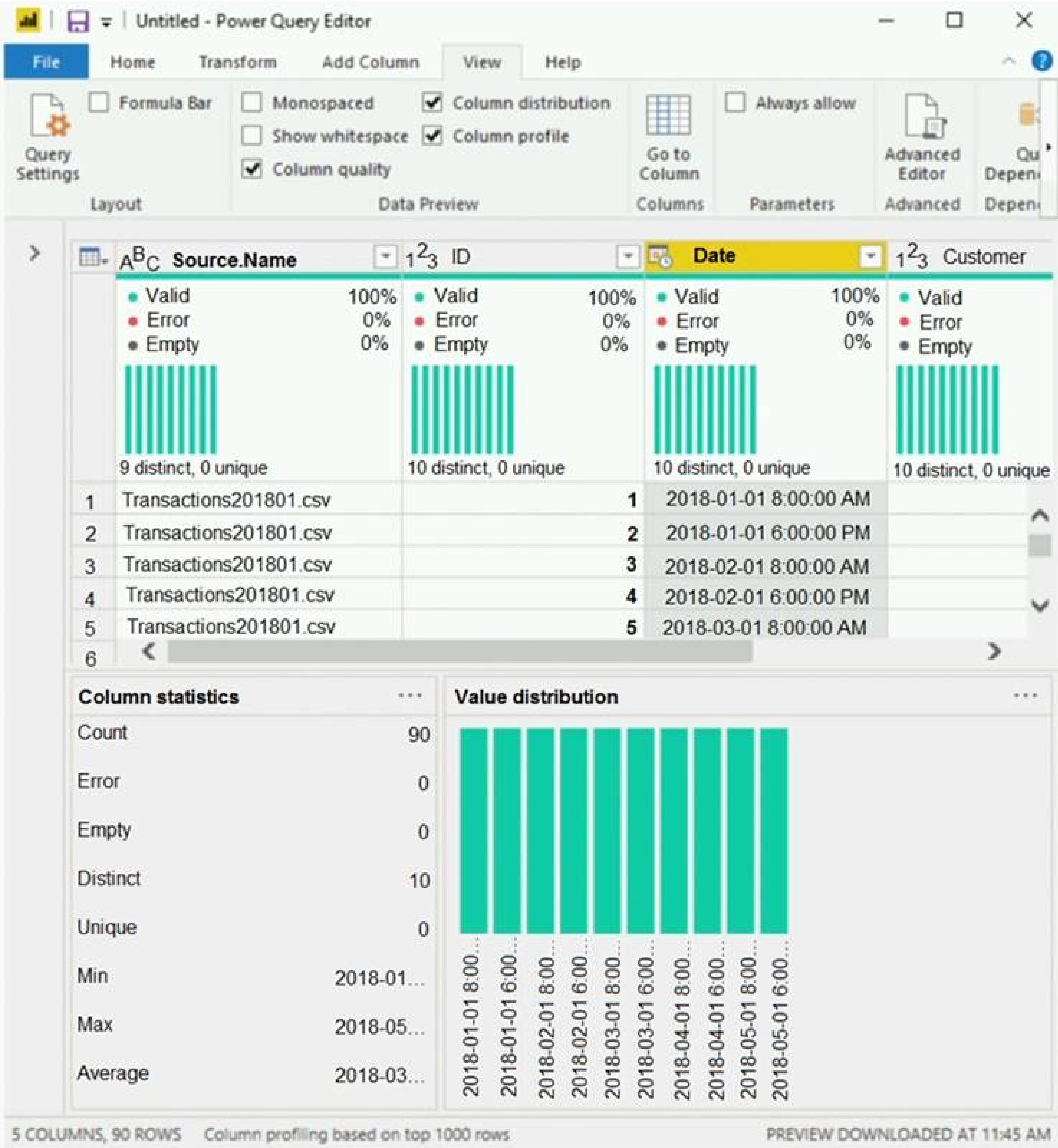
You import the tables.
Which relationship should you use to link the tables?

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 47
- (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.

Answer Area

There are **[answer choice]** CSV files:
- 9
- 10
- 25
- 90
- 1,000

Removing duplicates based on the Date column will reduce the dataset to **[answer choice]** rows:
- 9
- 10
- 25
- 90
- 1,000

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

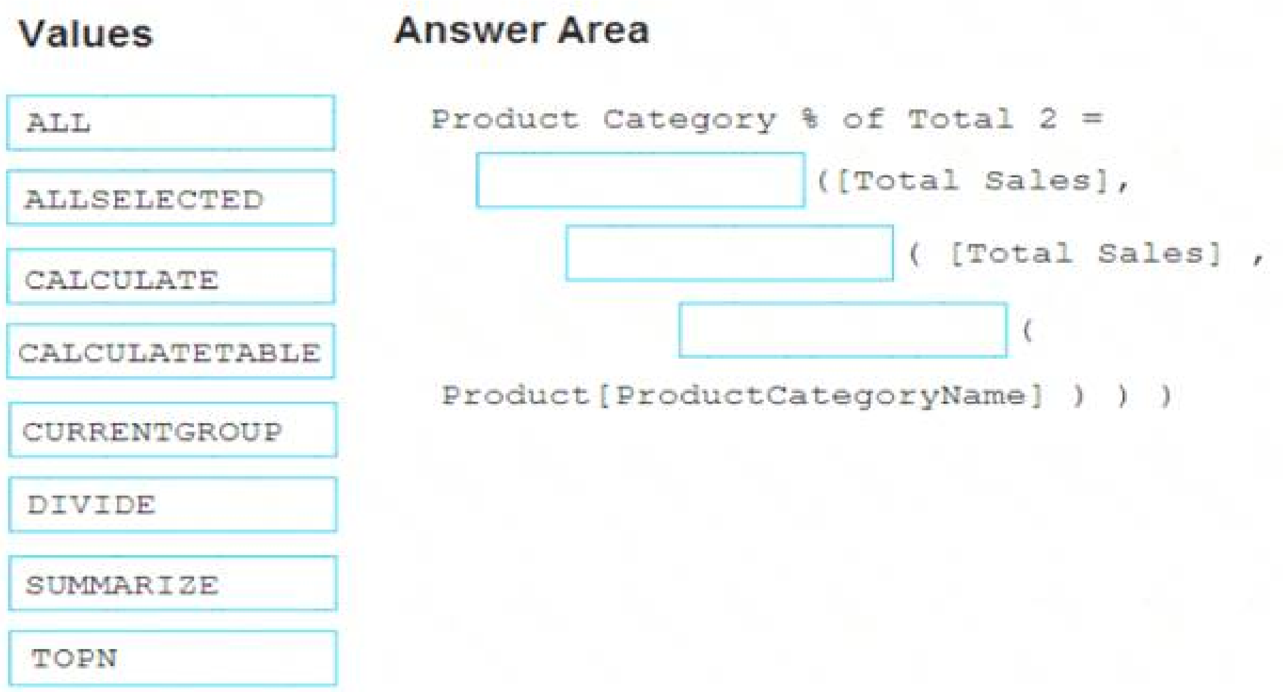
NEW QUESTION 50
- (Exam Topic 4)
You have a data model that contains many complex DAX expressions. The expressions contain frequent references to the RELATED and RELATEDTABLE functions.
You need to recommend a solution to minimize the use of the RELATED and RELATEDTABLE functions. What should you recommend?

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

Answer: A

Explanation:
Combining data means connecting to two or more data sources, shaping them as needed, then consolidating them into a useful query.
When you have one or more columns that you'd like to add to another query, you merge the queries. Note: The RELATEDTABLE function is a shortcut for CALCULATETABLE function with no logical
expression.
CALCULATETABLE evaluates a table expression in a modified filter context and returns A table of values. Reference:
https://docs.microsoft.com/en-us/power-bi/connect-data/desktop-shape-and-combine-data

NEW QUESTION 53
- (Exam Topic 4)
You have a Microsoft Power BI data model that contains three tables named Sales, Product, and Date. The Sales table has an existing measure named [Total Sales] that sums the total sales from the Sales table.
You need to write a calculation that returns the percentage of total sales that a selected ProductCategoryName value represents. The calculation must respect any slicers on ProductCategoryName and must show the percentage of visible total sales. For example, if there are four ProductCategoryName values, and a user filters one out, a table showing ProductCategoryName and the calculation must sum up to 100 percent.
How should you complete the calculation? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Divide, Calculate, AllSelected. Reference:
https://docs.microsoft.com/en-us/dax/allselected-function-dax

NEW QUESTION 54
- (Exam Topic 4)
You import two Microsoft Excel tables named Customer and Address into Power Query. Customer contains the following columns:
- Customer ID
- Customer Name
- Phone
- Email Address
- Address ID

Address contains the following columns:
- Address ID

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

The Customer ID and Address ID columns represent unique rows.
You need to create a query that has one row per customer. Each row must contain City, State/Region, and Country for each customer.
What should you do?

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

Answer: A

Explanation:
There are two primary ways of combining queries: merging and appending.
- When you have one or more columns that you'd like to add to another query, you merge the queries.
- When you have additional rows of data that you'd like to add to an existing query, you append the query.

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

NEW QUESTION 55
- (Exam Topic 4)
You build a report about warehouse inventory data. The dataset has more than 10 million product records from 200 warehouses worldwide. You have a table named Products that contains the columns shown in the following table.

Name	Sample data
ProductDescription	Bikes > Adventure Works > Mountain Bikes > Super Carbon Bike > 26in wheels 42in frame
ProductCategory	Bikes
Manufacturer	Adventure Works
ProductSubcategory	Mountain Bikes
ProductSpecification	26in wheels 42in frame

Warehouse managers report that it is difficult to use the report because the report uses only the product name in tables and visuals. The product name is contained within the ProductDescription column and is always the fourth value.
You need to modify the report to support the warehouse managers requirement to explore inventory levels at different levels of the product hierarchy. The solution must minimize the model size.
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
Create a product hierarchy of Manufacturer, ProductSpecifications, ProductName, ProductSubcategory, and ProductCategory.	
Replace the use of ProductDescription in the report with the product hierarchy.	
Transform the ProductDescription column to contain only the text between the first and fourth > symbol.	
Add the product hierarchy as an extra field in visuals where ProductDescription is used.	
Add a column named ProductName that contains only the text between the third and fourth > symbol in the ProductDescription column.	
Add a column named ProductName that contains all the text after the third > symbol in the ProductDescription column.	
Create a product hierarchy of ProductCategory, ProductSubcategory, Manufacturer, ProductName, and ProductSpecifications.	

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Actions

Create a product hierarchy of Manufacturer, ProductSpecifications, ProductName, ProductSubcategory, and ProductCategory

3 Replace the use of ProductDescription in the report with the product hierarchy

Transform the ProductDescription column to contain only the text between the first and fourth - symbol

Add the product hierarchy as an extra field in visuals where ProductDescription is used.

1 Add a column named ProductName that contains only the text between the third and fourth - symbol in the ProductDescription column

Add a column named ProductName that contains all the text after the third - symbol in the ProductDescription column.

2 Create a product hierarchy of ProductCategory, ProductSubcategory, Manufacturer, ProductName, and ProductSpecifications

NEW QUESTION 60
- (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 64
- (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 66
- (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 71
- (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?

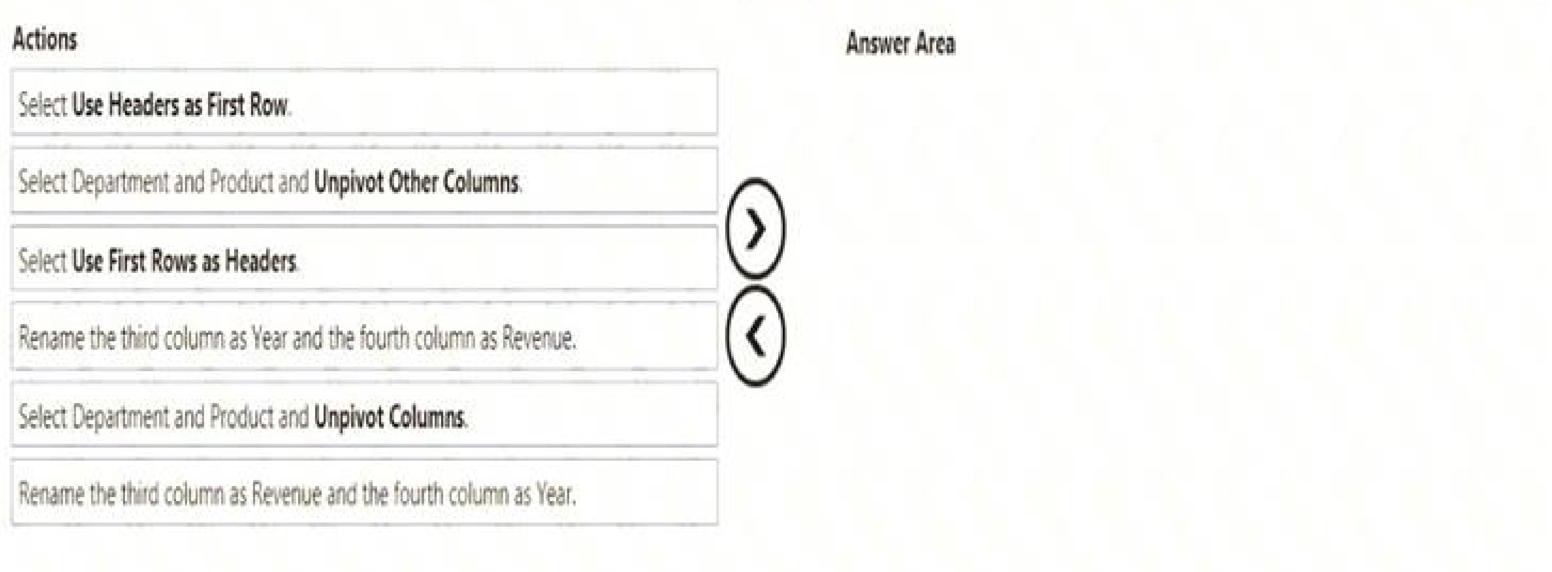
A. Create production reports in a separate workspace that uses a shared dataset from the development workspac
B. Grant the end users access to the production workspace.
C. In the same workspace, create separate copies of the assets and append DEV to the names of the copied asset
D. Grant the end users 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 73
- (Exam Topic 4)
You receive revenue data that must be included in Microsoft Power BI reports.
You perform an initial load of the data from a Microsoft Excel source as shown in the following exhibit.

	Column1	Column2	Column3	Column4	Column5	Column6
	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%	Valid 100% Error 0% Empty 0%
1	Department	Product	2016	2017	2018	2019
2	Bikes	Carbon mountainbike	1002815	[illegible]	1007814	1007239
3	Bikes	Aluminium road bike	1007094	[illegible]	1005842	1007105
4	Bikes	Touring bike	1003676	1005171	1001669	1003244
5	Accessories	Bell	76713	10247	60590	25927
6	Accessories	Bottle holder	26690	29613	67955	71466
7	Accessories	Satnav	83189	40113	71684	24697
8	Accessories	Mobilephone holder	68641	80336	58099	45706

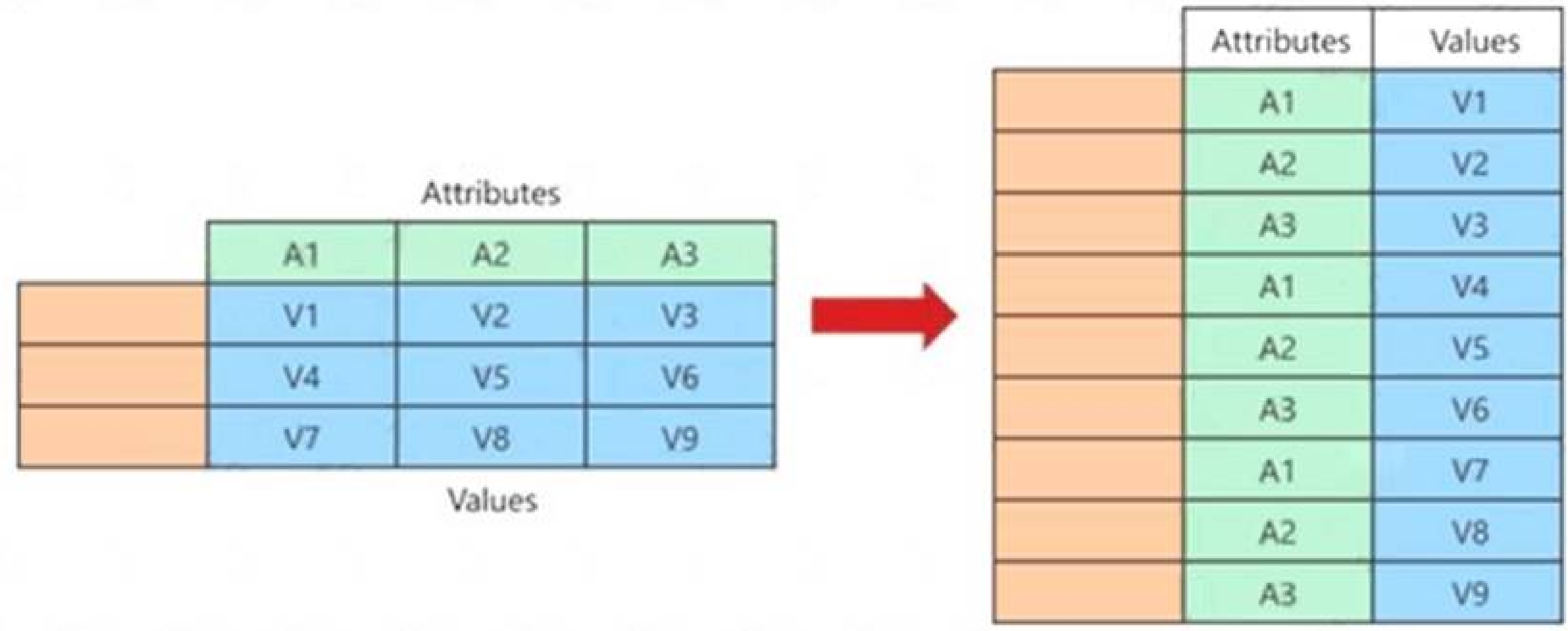
You plan to create several visuals from the data, including a visual that shows revenue split by year and product.
You need to transform the data to ensure that you can build the visuals. The solution must ensure that the columns are named appropriately for the data that they contain.
Which three actions 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

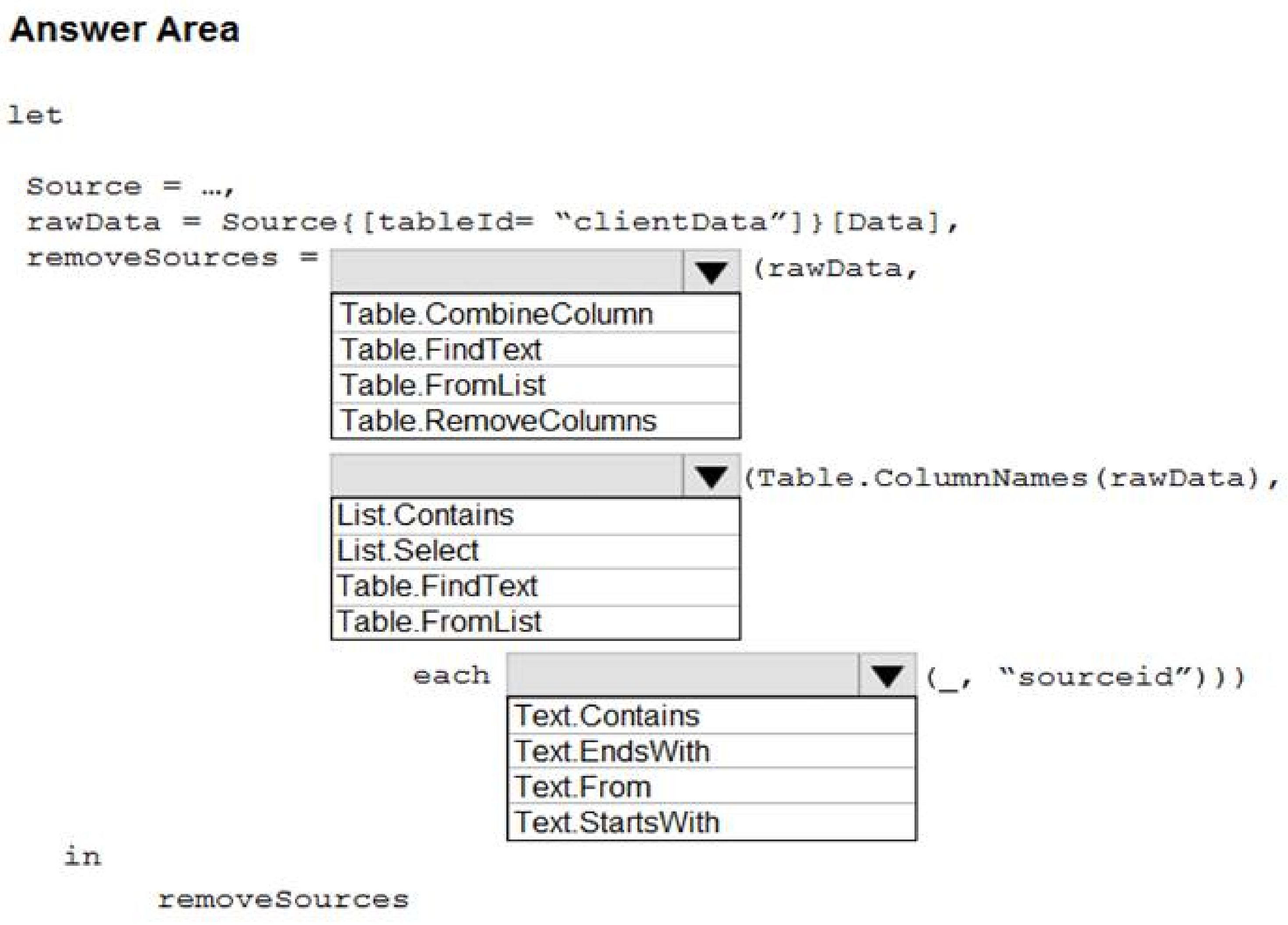
Explanation:
Text Description automatically generated with medium confidence
Step 1: Select Use Header as First Row.
Step 2: Select Department and Product and Unpivot Other Columns
Unpivot Other Columns: This command unpivots unselected columns. Use this command in a query when not all columns are known. New columns added during a refresh operation are also unpivoted.
Step 3: Rename the Attribute column to Year and the Value column to Revenue.
You might want to unpivot data, sometimes called flattening the data, to put it in a matrix format so that all similar values are in one column. This is necessary, for example, to create a chart or a report.
Chart Description automatically generated with medium confidence



When you unpivot, you unpack the attribute-value pairs that represent an intersection point of the new columns and re-orient them into flattened columns:
Values (in blue on the left) are unpivoted into a new column (in blue on the right).
Attributes (in green on the left) are unpivoted into a new column (in green on the right) and duplicates are correspondingly mapped to the new Values column.
Reference:
https://support.microsoft.com/en-us/office/unpivot-columns-power-query-0f7bad4b-9ea1-49c1-9d95-f588221c7

NEW QUESTION 76
- (Exam Topic 4)
You have an API that returns more than 100 columns. The following is a sample of column names.
- client_notified_timestamp
- client_notified_source
- client_notified_sourceid
- client_notified_value
- client_responded_timestamp
- client_responded_source
- client_responded_sourceid
- client_responded_value

You plan to include only a subset of the returned columns.
You need to remove any columns that have a suffix of sourceid.
How should you complete the Power Query M code? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Table.RemoveColumns
When you do “Remove Columns” Power Query uses the Table.RemoveColumns function
Box 2: List.Select
Get a list of columns.
Box 3: Text.EndsWith

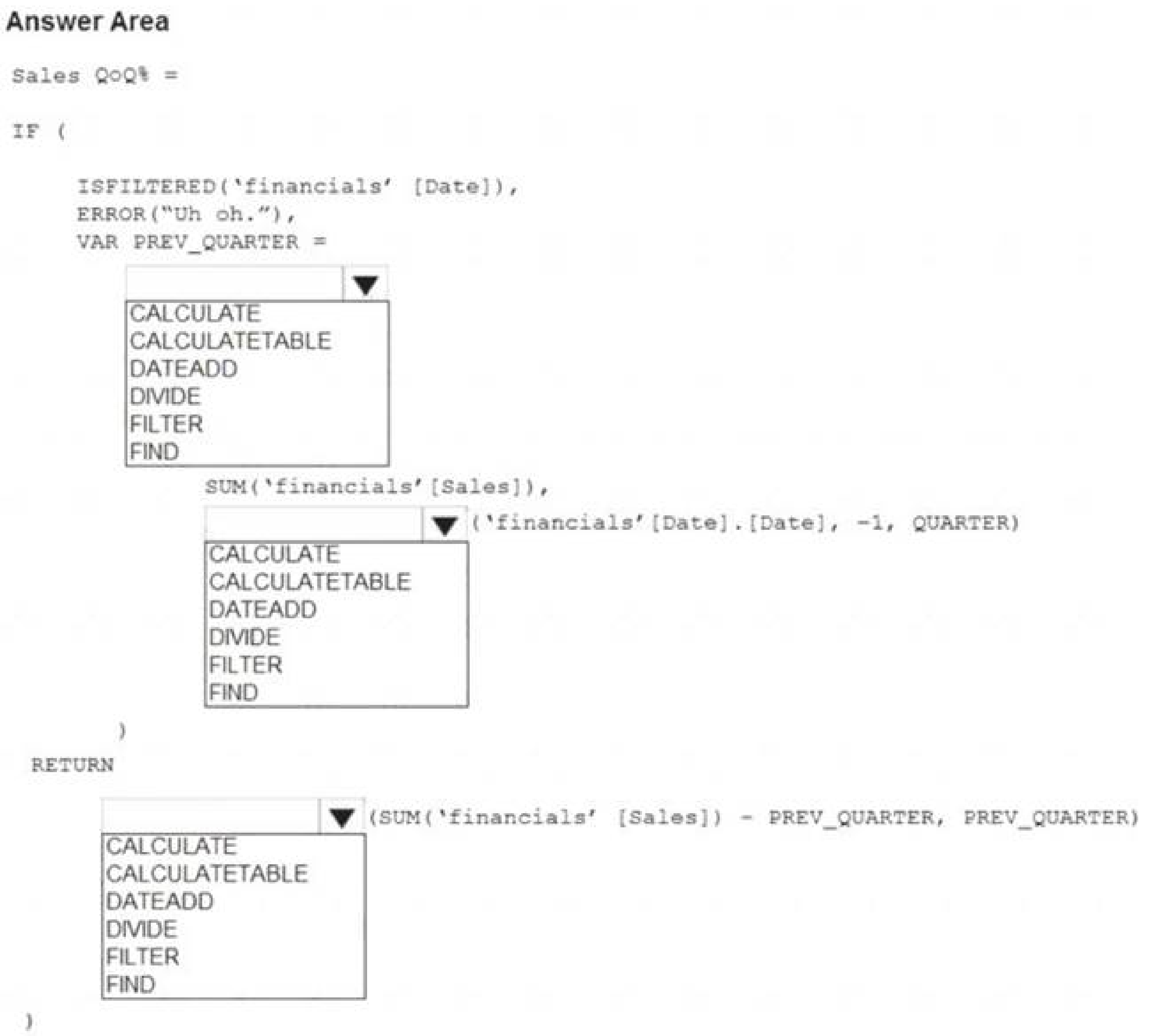
NEW QUESTION 80
- (Exam Topic 4)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct 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 constant line and set the value to .5.
Does this meet the goal?

A. Yes
B. No

Answer: B

Explanation:
Instead create a percentile line by using the Salary measure and set the percentile to 50%.
Note: The 50th percentile is also known as the median or middle value where 50 percent of observations fall below.
ference:
https://dash-intel.com/powerbi/statistical_functions_percentile.php

NEW QUESTION 84
- (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 87
- (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 92
- (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 97
- (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 percentile line by using the Salary measure and set the percentile to 50%. 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_percentile.php

NEW QUESTION 101
- (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 105
- (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 110
- (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 write a DAX expression that uses the FILTER function.
Does this meet the goal?

A. Yes
B. No

Answer: B

Explanation:
The filter is applied after the data is imported. Instead add a WHERE clause to the SQL statement. Reference:
https://docs.microsoft.com/en-us/power-bi/connect-data/service-gateway-sql-tutorial

NEW QUESTION 112
- (Exam Topic 4)
You publish a report to a workspace named Customer Services. The report identifies customers that have potential data quality issues that must be investigated by the customer services department of your company.
You need to ensure that customer service managers can create task lists in Microsoft Excel based on the data. Which report setting should you configure?

A. Don't allow end user to save filters on this report.
B. Change default visual interaction from cross highlighting to cross filtering.
C. Enable the updated filter pane, and show filters in the visual header for this report.
D. Allow users to add comments to this report.
E. Choose the type of data you allow your end users to export.

Answer: E

Explanation:
https://powerbi.microsoft.com/en-us/blog/announcing-persistent-filters-in-the-service/

NEW QUESTION 117
- (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 121
- (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 create an Azure Active Directory group that contains all the users. You share each report and dashboard to the group.
Does this meet the goal?

A. Yes
B. No

Answer: A

Explanation:
Statements and questions are tricky and confusing. When the access is granted for the group (all users) for ALL (each) dashboards and ALL (each) reports in the workspace, then the will have read access to the specific (A, one) Dashboard and several reports, because they are part of all dashboards and reports. There is no statement, that for the other dashboards (except the one) and the other reports (except the several) that access must be prevented. They are also accessible (maybe it is not desired but not stated here).

NEW QUESTION 122
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