

Microsoft

Exam Questions PL-300

Microsoft Power BI Data Analyst



NEW QUESTION 1

- (Exam Topic 1)

You need to get data from the Microsoft SQL Server tables. What should you use to configure the connection?

- A. import that uses a Microsoft account
- B. DirectQuery that uses the end-user s credentials
- C. DirectQuery that uses a database credential
- D. Import that uses a database credential

Answer: C

NEW QUESTION 2

- (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.

Visualization type: Card
 Donut chart
 Gauge
 Key influencers
 KPI

Indicator: Date[month]
 Sales[sales_amount]
 Sales[sales_id]
 Targets[sales_target]
 Weekly_Returns[total_returns]

Trend axis: Date[month]
 Sales[sales_amount]
 Sales[sales_id]
 Targets[sales_target]
 Weekly_Returns[total_returns]

Target goals: Date[month]
 Sales[sales_amount]
 Sales[sales_id]
 Targets[sales_target]
 Weekly_Returns[total_returns]

These are the selections for Indicator

- 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 3

- (Exam Topic 2)

Which two types of visualizations can be used in the balance sheet reports to meet the reporting goals? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. a line chart that shows balances by quarter filtered to account categories that are long-term liabilities.
- B. a clustered column chart that shows balances by date (x-axis) and account category (legend) without filters.
- C. a clustered column chart that shows balances by quarter filtered to account categories that are long-term liabilities.
- D. a pie chart that shows balances by account category without filters.
- E. a ribbon chart that shows balances by quarter and accounts in the legend.

Answer: AE

Explanation:

<https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-types-for-reports-and-q-and-a>

NEW QUESTION 4

- (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>

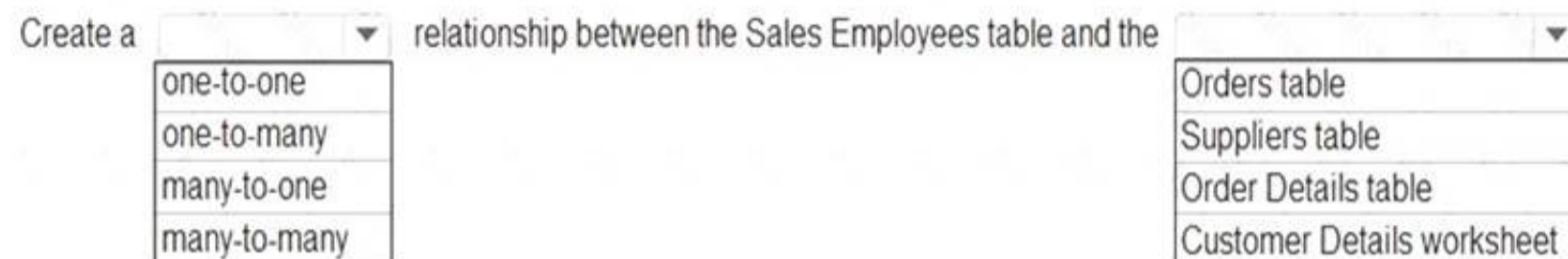
NEW QUESTION 5

- (Exam Topic 3)

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.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Text Description automatically generated

Box 1: many-to-one

Each employee in the Sales Employees table is assigned to one sales region. Multiple employees can be assigned to each region.

The Suppliers table has a Region column. Box 2: Suppliers table

NEW QUESTION 6

- (Exam Topic 3)

You need to design the data model to meet the report requirements. What should you do in Power BI Desktop?

- A. From Power Query, use a DAX expression to add columns to the Orders table to calculate the calendar quarter of the OrderDate column, the calendar month of the OrderDate column, the calendar quarter of the ShippedDate column, and the calendar month of the ShippedDate column.
- B. From Power Query, add columns to the Orders table to calculate the calendar quarter and the calendar month of the OrderDate column.
- C. From Power BI Desktop, use the Auto date/time option when creating the reports.
- D. From Power Query, add a date table
- E. Create an active relationship to the OrderDate column in the Orders table and an inactive relationship to the ShippedDate column in the Orders table.

Answer: B

Explanation:

Use Power Query to calculate calendar quarter and calendar month. Scenario:

- > A single dataset must support all three reports:
 - 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.
 - The Top Products report will show the top 20 products based on the highest sales amounts sold in a selected order month or quarter, sales region, and product category.
- > The data model must minimize the size of the dataset as much as possible, while meeting the report requirements and the technical requirements.

NEW QUESTION 7

- (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.

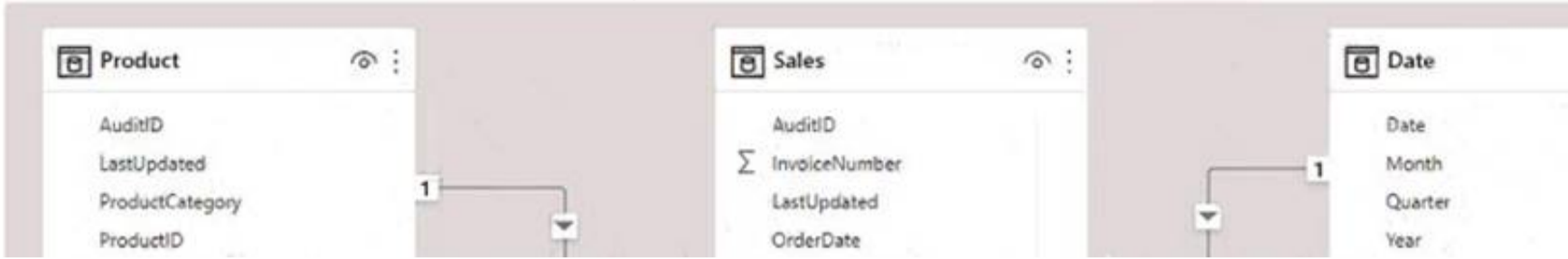
Reference:

<https://www.pluralsight.com/guides/bar-and-column-charts-in-power-bi>

NEW QUESTION 8

- (Exam Topic 4)

You have the Power BI data model shown in the following exhibit.



Select the appropriate yes or no.

Statements	Yes	No
Removing the LastUpdated column from the Sales table reduces the model size while still supporting the required analysis.	<input type="radio"/>	<input type="radio"/>
Removing the ProductID column from the Sales table reduces the model size while still supporting the required analysis.	<input type="radio"/>	<input type="radio"/>
Removing the ShipDate column from the Sales table reduces the model size while still supporting the required analysis.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text, application, email Description automatically generated

NEW QUESTION 9

- (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 10

- (Exam Topic 4)

A manager can represent only a single country.

You need to use row-level security (RLS) to meet the following requirements: The managers must only see the data of their respective country.

The number of RLS roles must be minimized.

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

- A. Create a single role that filters Country[Manager_Email] by using the USERNAME DAX function.
- B. Create a single role that filters Country[Manager_Email] by using the USEROBJECTID DAX function.
- C. For the relationship between Purchase Detail and Purchase, select Apply security filter in both directions.
- D. Create one role for each country.
- E. For the relationship between Purchase and Purchase Detail, change the Cross filter direction to Single.

Answer: AC

Explanation:

In Power BI Service the username and userprincipalname both return the email address, it's only in Power BI Desktop that username is domain/username rather than the email address. So I agree that userprincipalname is better generally as you always get the same value, the answer is correct and you can use username as your RLS since the role will be applied in the Service. See

<https://community.powerbi.com/t5/Community-Blog/USERNAME-v-s-USERPRINCIPALNAME-in-RLS-for-P> for more information.

NEW QUESTION 10

- (Exam Topic 4)

You have a Power BI report named Report1 and a dashboard named Dashboard1, Report1 contains a line chart named Sales by month. You pin the Sales by month visual to Dashboard1.

In Report1, you change the Sales by month visual to a bar chart. You need to ensure that bar chart displays on Dashboard1. What should you do?

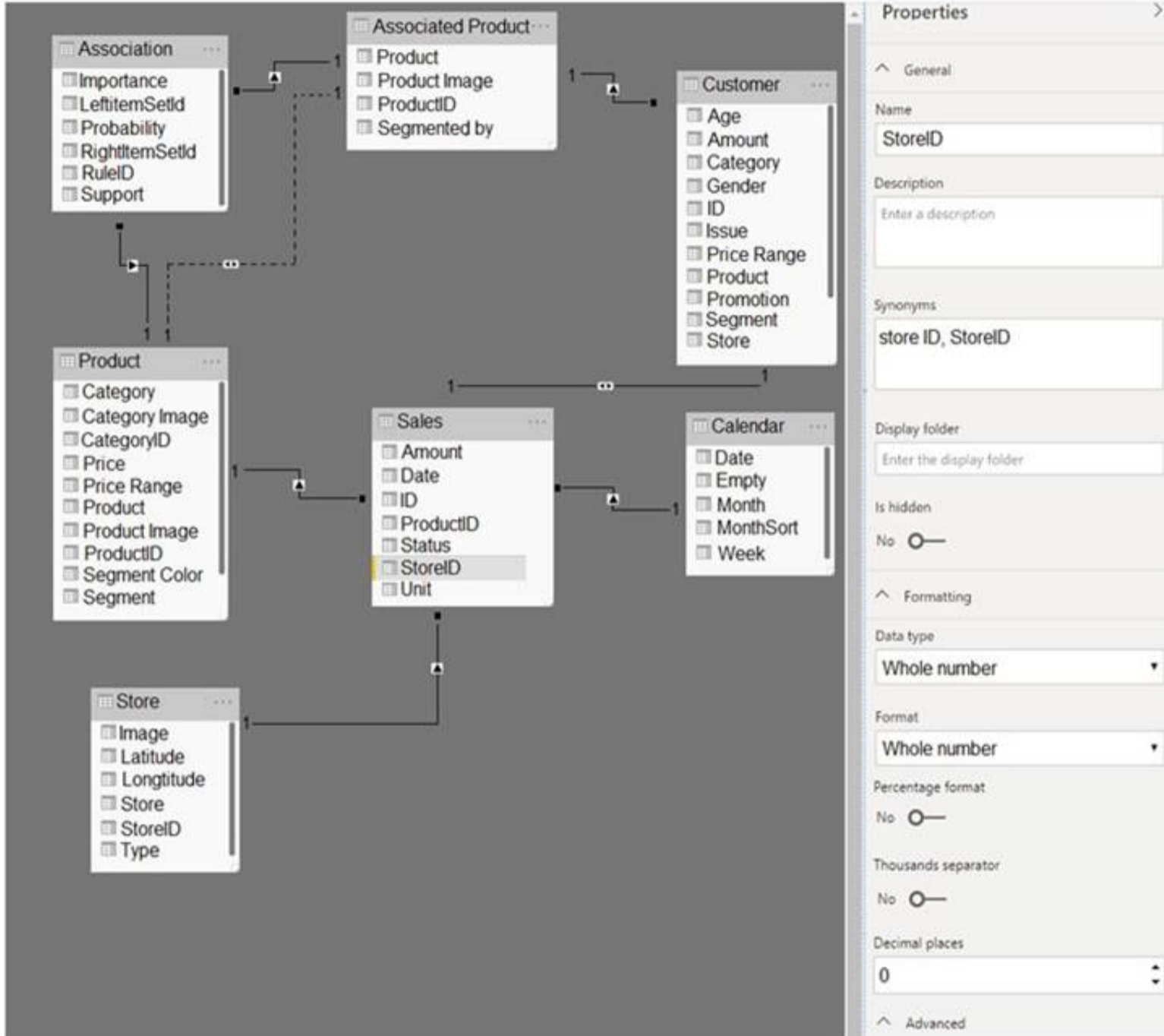
- A. Edit the details for the dashboard tile of Dashboard1.
- B. Select Refresh visuals for Dashboard1.
- C. Pin the Sales by month bar chart to Dashboard1
- D. Refresh the dataset used by Report1 and Dashboard1.

Answer: D

NEW QUESTION 12

- (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

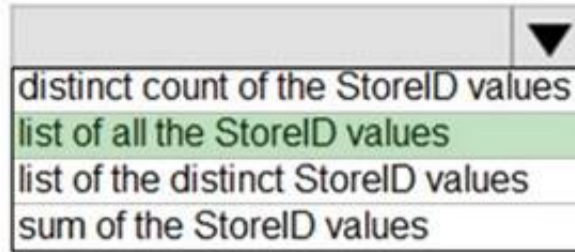
- A. Mastered
- B. Not Mastered

Answer: A

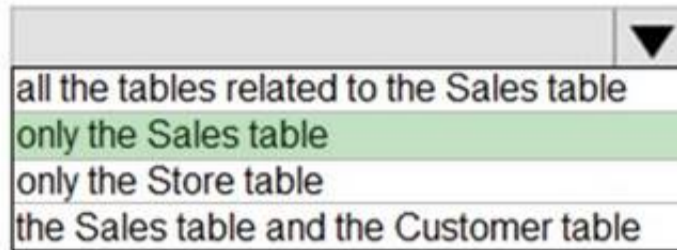
Explanation:

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.



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



NEW QUESTION 13

- (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 workspace
- B. Grant the end users access to the production workspace.
- C. Create one workspace for development
- D. From the new workspace, publish an app for production.
- E. Create a workspace for development and a workspace for production
- 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 18

- (Exam Topic 4)

You need to create a visualization that compares revenue and cost over time. Which type of visualization should you use?

- A. stacked area chart
- B. donut chart
- C. line chart
- D. waterfall chart

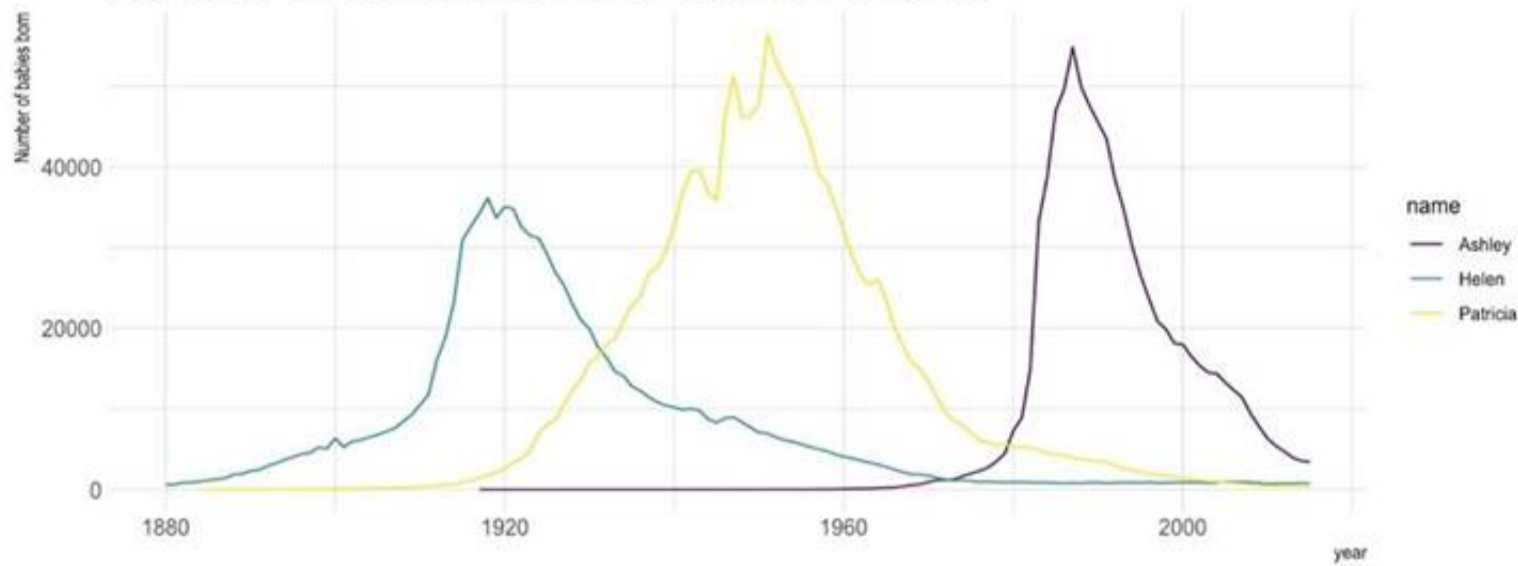
Answer: C

Explanation:

A line chart or line graph displays the evolution of one or several numeric variables. Data points are connected by straight line segments. A line chart is often used to visualize a trend in data over intervals of time – a time series – thus the line is often drawn chronologically.

Example:

Popularity of American names in the previous 30 years



Reference:
<https://www.data-to-viz.com/graph/line.html>

NEW QUESTION 20

- (Exam Topic 4)

You have a Power BI data model that analyzes product sales over time. The data model contains the following tables.

Table name	Column name	Data type
Product	Product ID	Whole number
	Product Name	Text
	Product Category	Text
Sales	Product ID	Whole number
	Order Date	Date
	Ship Date	Date
	Delivered Date	Date
	Invoice Number	Whole number
	Quantity	Whole number
	Sales Amount	Decimal number

A one-to-many relationship exists between the tables. The auto date/time option for the data model is enabled. You need to reduce the size of the data model while maintaining the ability to analyze product sales by month and quarter. Which two actions should you perform?

- A. Disable the auto date/time option.
- B. Create a Date table and select **Mark as Date Table**.
- C. Create a relationship between the Date table and the Sales table.
- D. Disable the load on the Date table.
- E. Remove the relationship between the Product table and the Sales table.

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

Answer: AD

NEW QUESTION 23

- (Exam Topic 4)

You have a Power BI workspace named BI Data that contains a dataset named BI Finance. You have the Build permission for the BI Finance dataset but you do NOT have permissions for the workspace. You need to connect to BI Finance and create a report. Which actions should you perform? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. From the Power BI service, create a dataflow to the dataset by using DirectQuery.

- B. From Power BI Desktop, connect to a Dataverse data source.
- C. From the Power BI service, create a new report and select a published dataset
- D. From Power BI Desktop, connect to a shared dataset

Answer: BC

NEW QUESTION 25

- (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 29

- (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 33

- (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.

Actions	Answer Area
Pin items from the reports to the dashboard.	
Rearrange, resize, or remove items from the phone view.	
Change the dashboard view to Phone view .	⬅️
Open the dashboard.	➡️
Create a phone layout for the existing reports.	⬆️

- 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 35

- (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.	<input type="radio"/>	<input type="radio"/>
Both the OrderDateKey and OrderDate columns are necessary to perform the basket analysis.	<input type="radio"/>	<input type="radio"/>
The TaxAmt column must retain the current number of decimal places to perform the basket analysis.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Reference:

<https://finance-bi.com/power-bi-basket-analysis/>

NEW QUESTION 36

- (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.)

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

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

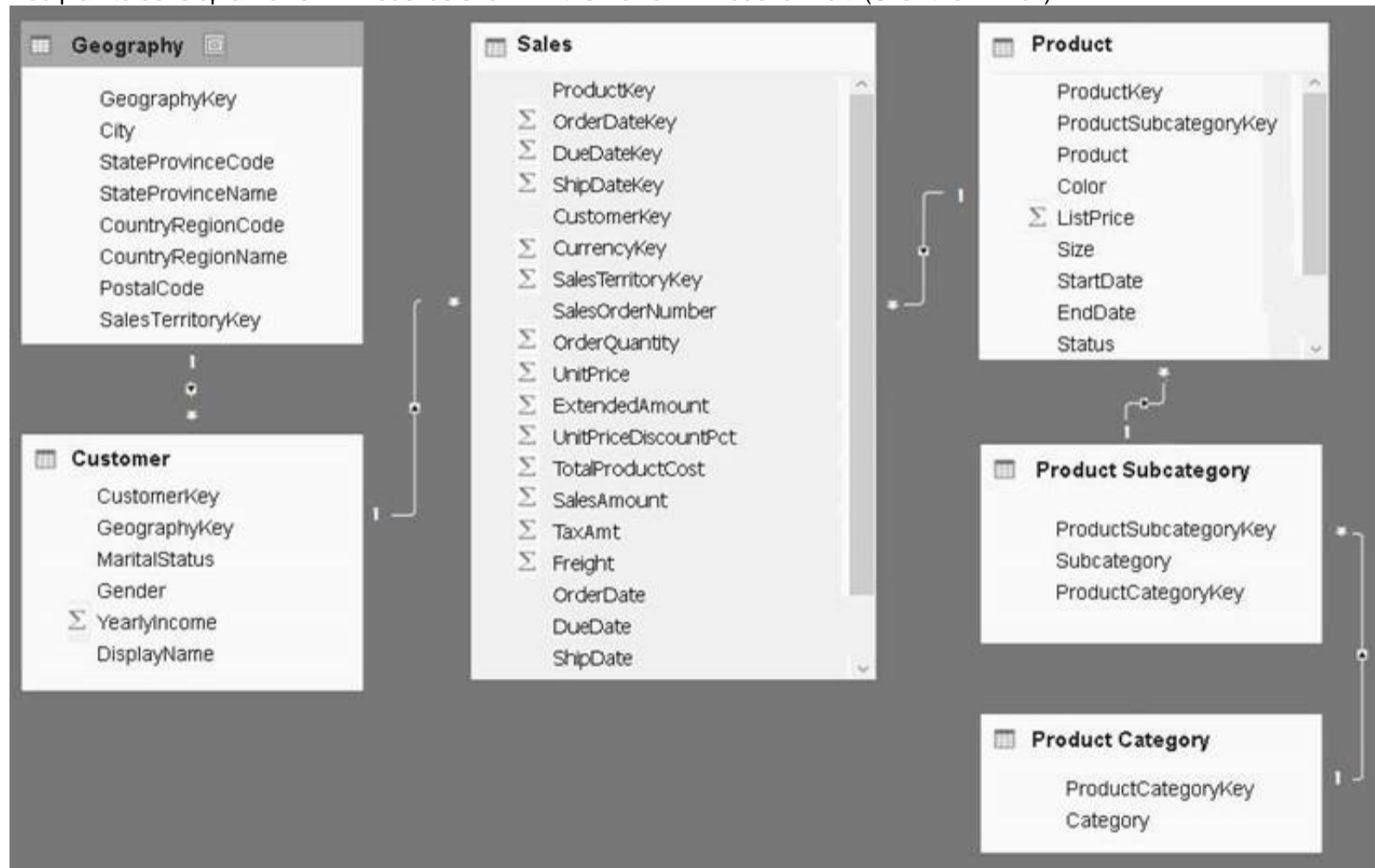
dimProduct
[ProductKey]
[ProductSubcategoryKey]
[EnglishProductName]
[Color]
[ListPrice]
[Size]
[StartDate]
[EndDate]
[Status]

dimCustomer
[CustomerKey]
[GeographyKey]
[DisplayName]
[MaritalStatus]
[Gender]
[YearlyIncome]

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

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

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



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 40

- (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 StatesProductCategory is Clothing

Answer: D

Explanation:

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

NEW QUESTION 43

- (Exam Topic 4)

You need to design the data model to meet the report requirements. What should you do in Power BI Desktop?

- A. From Power Query, add columns to the Orders table to calculate the calendar quarter and the calendar month of the OrderDate column.
- B. From Power BI Desktop, use the Auto date/time option when creating the reports.
- C. From Power Query, add a date table.
- D. Create an active relationship to the OrderDate column in the Orders table and an inactive relationship to the ShippedDate column in the Orders table.
- E. From Power Query, use a DAX expression to add columns to the Orders table to calculate the calendar quarter of the OrderDate column, the calendar month of the OrderDate column, the calendar quarter of the ShippedDate column, and the calendar month of the ShippedDate column.

Answer: B

NEW QUESTION 48

- (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

Each Customer ID represents a unique customer in the Customer table. Each Address ID represents a unique address in the Address table. 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. Append 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. Merge the Customer and Address tables.

Answer: D

NEW QUESTION 51

- (Exam Topic 4)

You have a PBIX file that imports several tables from an Azure SQL database. The data will be migrated to another Azure SQL database. You need to change the connections in the PBIX file. The solution must minimize administrative effort. What should you do?

- A. From Power Query Editor, modify the source of each query.
- B. Create a PBIT file, open the file, and change the data sources when prompted.
- C. From Power Query Editor, create new queries.
- D. Modify the Data source settings.

Answer: D

NEW QUESTION 54

- (Exam Topic 4)

You have a Microsoft SharePoint Online site that contains several document libraries. One of the document libraries contains manufacturing reports saved as Microsoft Excel files. All the manufacturing reports have the same data structure.

You need to load only the manufacturing reports to a table for analysis. What should you do in Microsoft Power BI Desktop?

- A. Get data from a SharePoint Online folder, enter the site URL, and then select Combine & Load.
- B. Get data from a SharePoint Online list and enter the site URL.
- C. Edit the query and filter by the path to the manufacturing reports library.
- D. Get data from a SharePoint Online folder and enter the site URL.
- E. Edit the query and filter by the path to the manufacturing reports library.
- F. Get data from a SharePoint Online list, enter the site URL, and then select Combine & Load.

Answer: B

Explanation:

We have to import Excel files from SharePoint, so we need the connector SharePoint folder which is used to get access to the files stored in the library. SharePoint list is a collection of content that has rows and columns (like a table) and is used for task lists, calendars, etc. Since we have to filter only on manufacturing reports, we have to select Transform and then filter by the corresponding folder path.
<https://docs.microsoft.com/en-us/power-query/connectors/sharepointlist>

NEW QUESTION 56

- (Exam Topic 4)

You need to create a Power BI theme that will be used in multiple reports. The theme will include corporate branding for font size, color, and bar chart formatting. What should you do?

- A. From Power BI Desktop, customize the current theme,
- B. From power BI Desktop, use a built in report theme.
- C. Create a theme as a JSON file and import the theme into Power BI Desktop.
- D. Create a theme as a PBIVIZ file and import the theme into Power BI Desktop.

Answer: B

NEW QUESTION 58

- (Exam Topic 4)

You have a table that contains sales data and approximately 1,000 rows. You need to identify outliers in the table. Which type of visualization should you use?

- A. area chart
- B. donut chart
- C. scatter plot
- D. pie chart

Answer: C

Explanation:

Outliers are those data points that lie outside the overall pattern of distribution & the easiest way to detect outliers is through graphs. Box plots, Scatter plots can help detect them easily.

Reference:

<https://towardsdatascience.com/this-article-is-about-identifying-outliers-through-funnel-plots-using-the-microso>

NEW QUESTION 62

- (Exam Topic 4)

The Sales table contains records of sales by day from the last five years up until today's date. You plan to create a measure to return the total sales Of March 2021 when March 2022 is selected. Which DAX expression should you use?

- A. `TOTALYTD (SUM(Sales[Sales]), dimDate[Date])`
- B. `Calculate (SUM(Sales[Sales]), SAMEPERIODOLASTYEAR(dimDate[Date]))`
- C. `SUM(Sales[Sales])`
- D. `Calculate (SUM(Sales[Sales]), PREVIOUSYEAR(dimDate[Date]))`

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

Answer: B

NEW QUESTION 64

- (Exam Topic 4)

You attempt to connect Purer 81 Desktop to a Cassandra database. From the Get Data connector list you discover that there is no specific connector for the Cassandra database, You need to select an alternate data connector that will connect to the database. Which of connector should you choose?

- A. Microsoft SQL Server database
- B. ODBC
- C. OData
- D. OLE DB

Answer: B

NEW QUESTION 67

- (Exam Topic 4)

For the sales department at your company, you publish a Power BI report that imports data from a Microsoft Excel file located in a Microsoft SharePoint folder. The data model contains several measures. You need to create a Power BI report from the existing data. The solution must minimize development effort. Which type of data source should you use?

- A. a SharePoint folder
- B. Power BI dataflows
- C. an Excel workbook
- D. Power BI dataset

Answer: D

Explanation:

case states there is already a report published and the datamodel contains measures. therefore and to be able to use the measures in the datamodel you should connect to the existing dataset (which was created when you published the report) instead of starting from scratch with the files in the SharePoint folder.

NEW QUESTION 70

- (Exam Topic 4)

You have a Power BI workspace named Workspace1 that contains a dataset named DS1 and a report named RPT1. A user wants to create a report by using the data in DS1 and publish the report to another workspace. You need to provide the user with the appropriate access. The solution must minimize the number of access permissions granted to the user. What should you do?

- A. Share RPT1 with the user.
- B. Add the user as a Viewer of Workspace1.
- C. Add the user as a member of Workspace1.
- D. Grant the Build permission for DS1 to the user.

Answer: D

NEW QUESTION 72

- (Exam Topic 4)

Exhibit:

Month	Year	Sales	Profit	
9	Sep	9	552	357
10	Oct	10	7838	24214
11	Nov	11	83544	257
12	Dec	12	32455	389

You need to create a report that meets the requirements:

- Visualizes the Sales value over a period of years and months
- Adds a Slicer for the month
- Adds a Slicer for the year

Which three actions Should you perform in sequence?

Actions

- Rename the Attribute column as Year and the Value column as Sales.
- Select the 2019, 2020, and 2021 columns.
- Select **Transpose**.
- Select the Month and MonthNumber columns.
- Select **Unpivot other columns**.

Answer Area

- 1
- 2
- 3

(

(

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

- Rename the Attribute column as Year and the Value column as Sales.
- Select the 2019, 2020, and 2021 columns.
- Select **Transpose**.
- Select the Month and MonthNumber columns.
- Select **Unpivot other columns**.

Answer Area

- 1
- 2
- 3

(

1 Select **Transpose**

2 Select the Month and MonthNumber columns.

3 Select **Unpivot other columns**

(

NEW QUESTION 76

- (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 79

- (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 81

- (Exam Topic 4)

You have the Power Bi dashboard shown in the Dashboard exhibit (Click the Dashboard tab.)

You need to ensure that when users view the dashboard on a mobile device, the dashboard appears as shown in the Mobile exhibit. (Click the Mobile tab.)

What should you do? 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:

Answer as selected

Answer Area



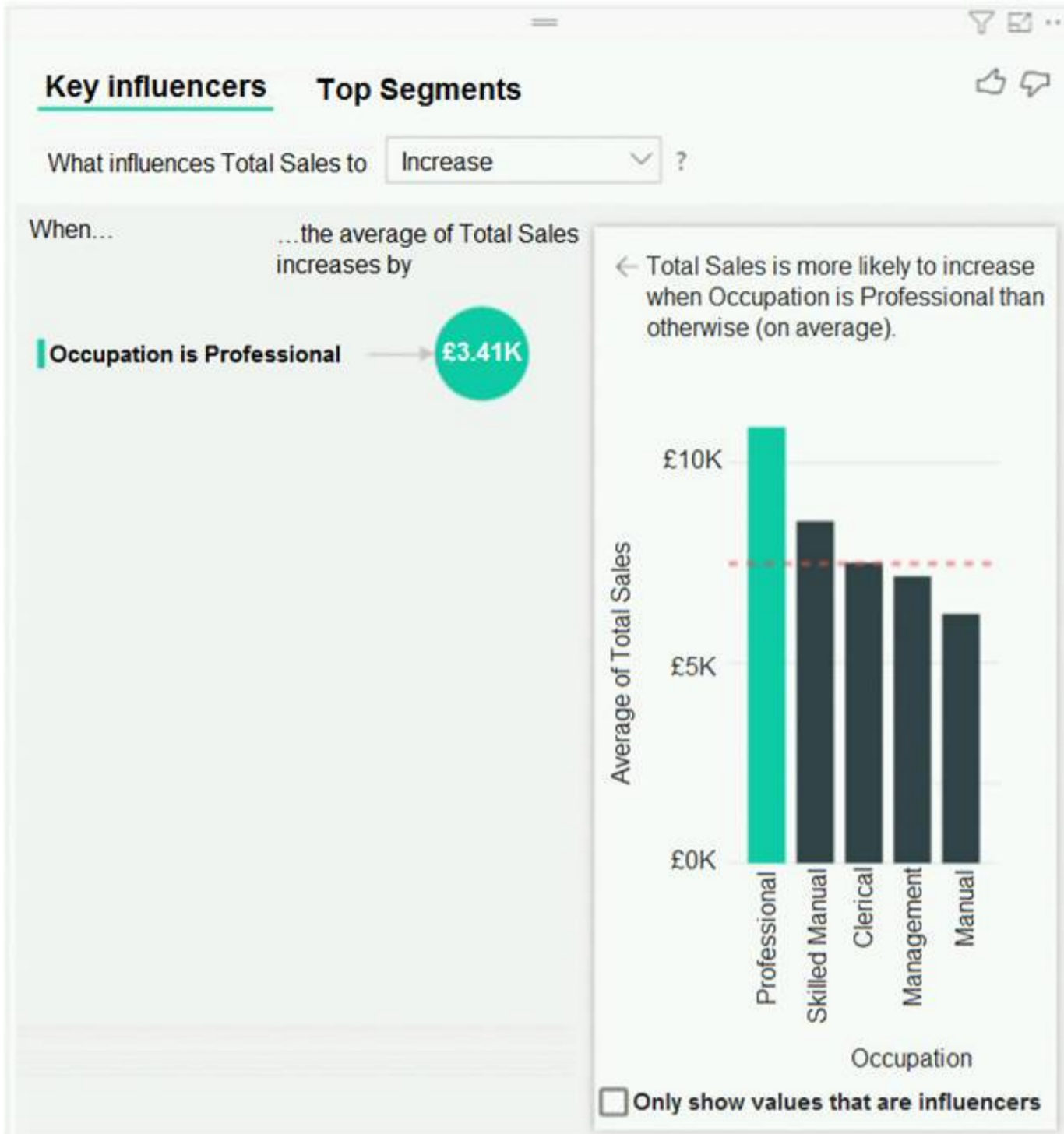
NEW QUESTION 86

- (Exam Topic 4)

You have a table that contains the following three columns:

- > City
- > Total Sales
- > Occupation

You need to create a key influencers visualization as shown in the exhibit. (Click the Exhibit tab.)



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

Answer Area

Analyze: ▼
 City
 Occupation
 Total Sales

Explain by: ▼
 City
 Occupation
 Total Sales

Expand by: ▼
 City
 Occupation
 Total Sales

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Total Sales
 Box 2: Occupation
 Box 3: City

You can use Expand By to add fields you want to use for setting the level of the analysis without looking for new influencers.

Reference:

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

NEW QUESTION 87

- (Exam Topic 4)

What should you create to meet the reporting requirements of the sales department?

- A. a calculated column that uses the following formula: `IF(ISBLANK(Sales[sales_amount]),0, (Sales[sales_amount]))`
- B. a measure that uses the following formula: `SUM(Sales[sales_amount])`
- C. a measure that uses the following formula: `SUMX(FILTER('Sales', 'Sales'[sales_amount] > 0)),[sales_amount])`
- D. a calculated column that uses the following formula: `ABS(Sales[sales_amount])`

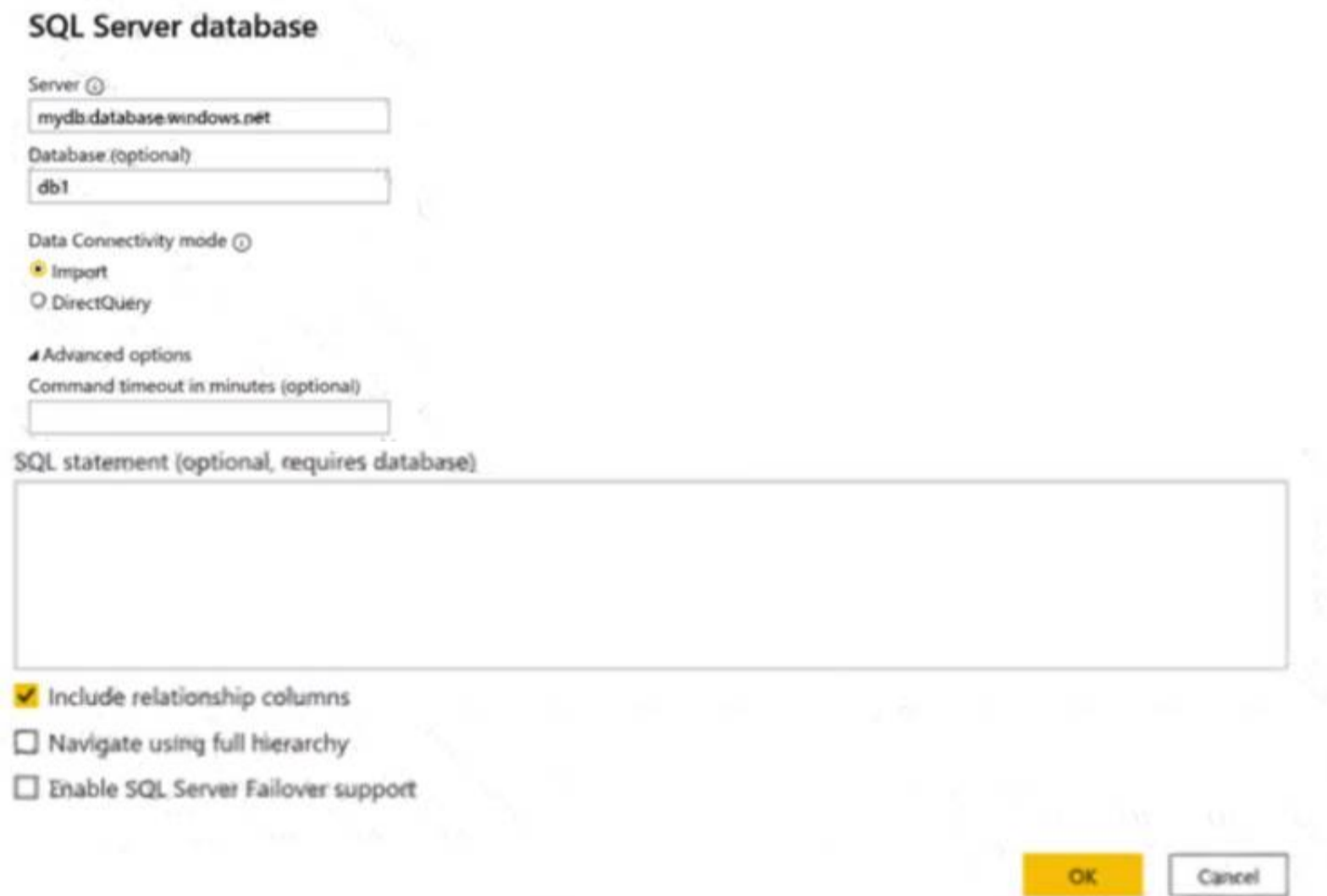
- A. Option A
- B. Option B
- C. option C
- D. Option D

Answer: C

NEW QUESTION 90

- (Exam Topic 4)

You are using Power Bi Desktop to connect to an Azure SQL database The connection is configured 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 solution is worth one point

The default timeout for the connection from Power BI Desktop to the database will be [answer choice].

Drop-down menu options:
 unlimited
 one minute
 10 minutes

The Navigator will display [answer choice].

Drop-down menu options:
 all the tables
 only tables that contain data
 only tables that contain hierarchies

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

<https://docs.microsoft.com/en-us/power-query/connectors/azuresqldatabase>

The following table lists all of the advanced options you can set in Power Query Desktop and Power Query Online.

Advanced option Description

Command timeout in minutes

If your connection lasts longer than 10 minutes (the default timeout), you can enter another value in minutes to keep the connection open longer. This option is only available in Power Query Desktop.

SQL statement

For information, go to Import data from a database using native database query. Include relationship columns

If checked, includes columns that might have relationships to other tables. If this box is cleared, you won't see those columns.

Navigate using full hierarchy

If checked, the navigator displays the complete hierarchy of tables in the database you're connecting to. If cleared, the navigator displays only the tables whose columns and rows contain data.

Enable SQL Server Failover support

If checked, when a node in the Azure SQL failover group isn't available, Power Query moves from that node to another when failover occurs. If cleared, no failover occurs.

NEW QUESTION 94

- (Exam Topic 4)

You need to create a Power BI theme that will be used in multiple reports. The theme will include corporate branding for font size, color, and bar chart formatting.

What should you do?

- A. Create a theme as a PBIVIZ file and import the theme into Power BI Desktop.
- B. Create a theme as a JSON file and import the theme into Power BI Desktop.
- C. From Power BI Desktop, use a built-in report theme.
- D. From Power BI Desktop, customize the current theme.

Answer: D

NEW QUESTION 95

- (Exam Topic 4)

You are building a Power BI report that uses data from an Azure SQL database named erp1. You Import the following tables.

Name	Description
Products	Contains the product catalog
Orders	Contains high-level information about orders
Order Line Items	Contains the product ID, quantity, and price details of an order

You need to perform the following analyses:

- Orders sold over time that include a measure of the total order value
- Orders by attributes of products sold

The solution must minimize update times when interacting with visuals in the report. What should you do first?

- A. From Power Query, merge the Orders query and the Order Line Hems query.
- B. Calculate the count of orders per product by using a DAX function.
- C. Create a calculated column that adds a list of product categories to the Orders table by using a DAX function.
- D. From Power Query, merge the Order Line Items query and the Products query.

Answer: D

Explanation:

<https://www.sqlbi.com/articles/header-detail-vs-star-schema-models-in-tabular-and-power-bi/>

NEW QUESTION 100

- (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: C

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 103

- (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 = "world"]
    }),
    "ur",
    "or",
    Replacer.ReplaceText,
    {"b"}
)
```

a	b
1	hello
3	world

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

NEW QUESTION 106

- (Exam Topic 4)

You have a Power BI report for the marketing department. The report reports on web traffic to a blog and contains data from the following tables.

Table name	Source	Description	Column name
Posts	Blog RSS feed	An XML representation of all the blog posts from your company's website	<ul style="list-style-type: none"> • Publish Date • URL • Title • Full Text • Summary
Traffic	Website logs	Activity data from your company's entire website	<ul style="list-style-type: none"> • DateTime • URL Visited • IP Address • Browser Agent • Referring URL

There is a one-to-many relationship from Posts to Traffic that uses the URL and URL Visited columns. The report contains the visuals shown in the following table.

Name	Used field	Filter
Top 10 blog posts of all time	Posts[Title] Traffic[DateTime]	None
Top 10 blog posts from the last seven days	Posts[Title] Traffic[DateTime]	Traffic[DateTime] is in the last 7 days
Blog visits over time	Traffic[DateTime] Traffic[URL Visited]	Traffic[URL Visited] contains "blog"
Blog visits over time	Traffic[DateTime] Traffic[URL Visited]	Traffic[URL Visited] contains "blog"
Top 10 external referrals to the blog of all time	Traffic[Referring URL]	Traffic[URL Visited] contains "blog" AND Traffic[Referring URL] does not start with "/"

The dataset takes a long time to refresh.
 You need to modify Posts and Traffic queries to reduce load times.
 Which two actions will reduce the load times? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Remove the rows in Traffic in which Traffic [Referring URL] does not start with "/"
- B. Remove the rows in Posts in which Post [Publish Date] is in the last seven days.
- C. Remove Traffic [IP Address], Traffic (Browser Agent), and Traffic [Referring URL].
- D. Remove Posts [Full Text] and Posts [Summary].
- E. Remove the rows in Traffic in which Traffic [URL visited] does not contain "blog"

Answer: DE

NEW QUESTION 111

- (Exam Topic 4)

You have four sales regions. Each region has multiple sales managers.

You implement row-level security (RLS) in a data model. You assign the relevant distribution lists to each role.

You have sales reports that enable analysis by region. The sales managers can view the sales records of their region. The sales managers are prevented from viewing records from other regions.

A sales manager changes to a different region.

You need to ensure that the sales manager can see the correct sales data. What should you do?

- A. From Microsoft Power BI Desktop, edit the Row-Level Security setting for the reports.
- B. Change the Microsoft Power BI license type of the sales manager.
- C. Manage the permissions of the underlying dataset
- D. Request that the sales manager be added to the correct Azure Active Directory group.

Answer: D

Explanation:

Using AD Security Groups, you no longer need to maintain a long list of users.

All that you will need to do is to put in the AD Security group with the required permissions and Power BI will do the REST! This means a small and simple security file with the permissions and AD Security group.

Note: Configure role mappings

Once published to Power BI, you must map members to dataset roles.

Members can be user accounts or security groups. Whenever possible, we recommend you map security groups to dataset roles. It involves managing security group memberships in Azure Active Directory. Possibly, it delegates the task to your network administrators.

Reference:

<https://www.fourmoo.com/2018/02/20/dynamic-row-level-security-is-easy-with-active-directory-security-group> <https://docs.microsoft.com/en-us/power-bi/guidance/rls-guidance>

NEW QUESTION 113

- (Exam Topic 4)

You have a Power BI report that contains a measure named Total Sales.

You need to create a new measure that will return the sum of Total Sales for a year up to a selected date. 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.

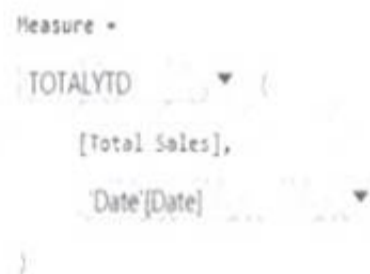
- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer as selected.

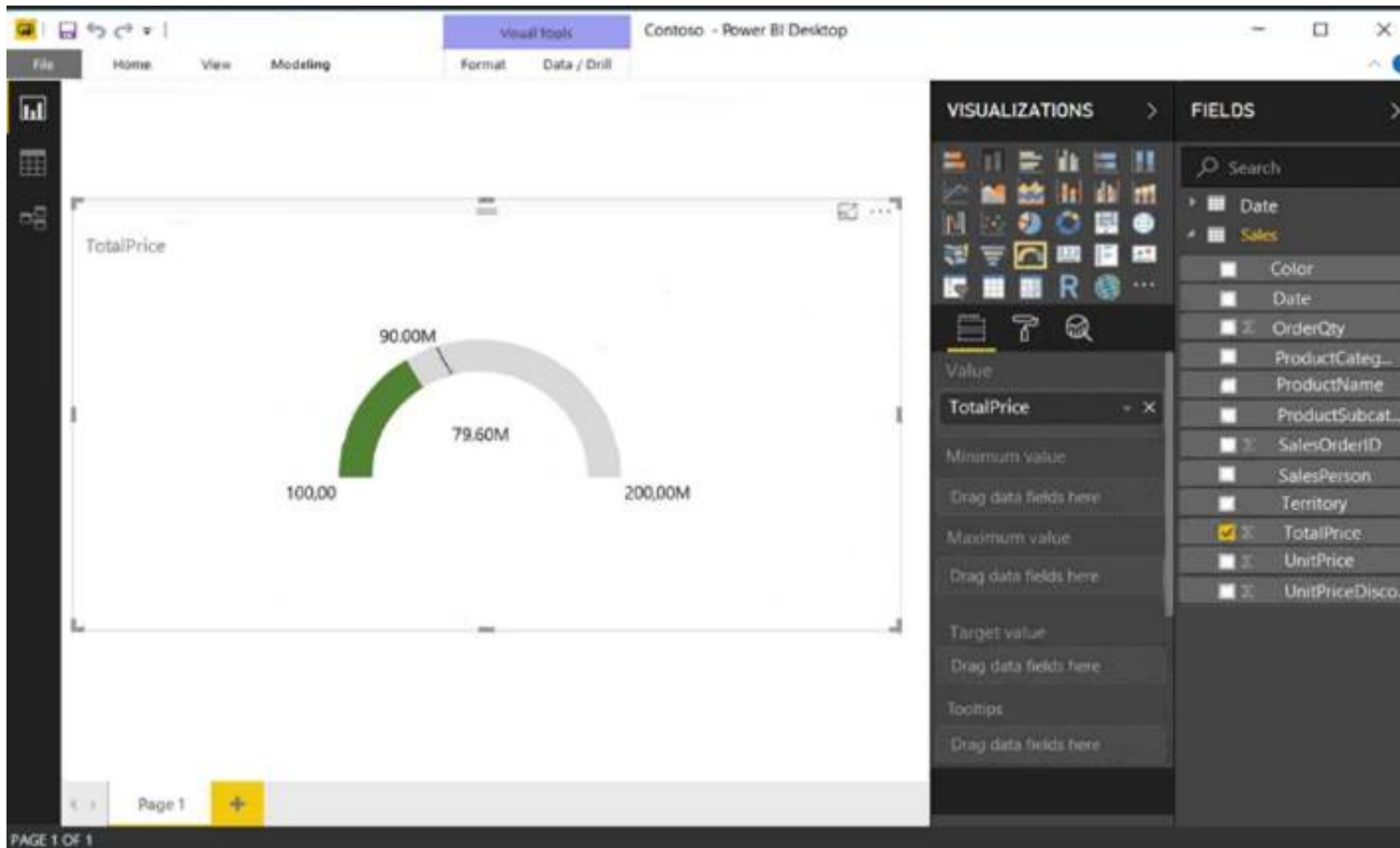
Answer Area



NEW QUESTION 117

- (Exam Topic 4)

You have a report in Power BI Desktop 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.

The goal is set by using [answer choice].

▼

a calculated measure
 a DAX formula
 the Format settings

To configure the visualization to display TotalPrice for the Territory of Canada always, you must add the Territory column to [answer choice].

▼

the Tooltips field
 the Values field
 the Visual level filters field

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text Description automatically generated with medium confidence

NEW QUESTION 122

- (Exam Topic 4)

You are preparing a financial report in Power BI.

You connect to the data stored in a Microsoft Excel spreadsheet by using Power Query Editor as shown in the following exhibit.

	Column1	Column2	Column3	Column4	Column5	Column6
1	Measure	2016	2017	2018	2019	2020
2	Revenue	0.5	0.6	0.55	0.61	0.42
3	Overheads	0.11	0.330410907	0.167055779	0.360178153	0.183179995
4	Cost of Goods	0.204388253	0.165848321	0.25	0.17	0.109073918

You need to prepare the data to support the following:

- > Visualizations that include all measures in the data over time
- > Year-over-year calculations for all the measures

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.

Actions

- Rename the Attribute column as Year
- Rename the Measure column as Year
- Use the first row as headers
- Use headers as the first row
- Unpivot all the columns other than Measure
- Transpose the table
- Change the data type of the Year column to Date

Answer Area



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

- Rename the Attribute column as Year
- Rename the Measure column as Year
- Use the first row as headers
- Use headers as the first row
- Unpivot all the columns other than Measure
- Transpose the table
- Change the data type of the Year column to Date

Answer Area

- Use the first row as headers
- Unpivot all the columns other than Measure
- Rename the Attribute column as Year
- Change the data type of the Year column to Date

NEW QUESTION 125

- (Exam Topic 4)

You have two Power BI workspaces named WorkspaceA and Workspaces. WorkspaceA contains two datasets named Sales and HR. You need to provide a user named User1 with access to the workspaces. The solution must meet the following requirements:

- Create reports that use the HR dataset.
- Publish the reports to WorkspaceB.
- Prevent the ability to modify the HR dataset.
- Prevent the ability to add users to WorkspaceB.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer is as below.

To access the HR dataset: ▼

To publish reports to WorkspaceB: ▼

NEW QUESTION 127

- (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

NEW QUESTION 131

- (Exam Topic 4)

You import a Power BI dataset that contains the following tables:

- Date
- Product
- Product Inventory

The Product inventory table contains 25 million rows. A sample of the data is shown in the following table.

ProductKey	DateKey	MovementDate	UnitCost	UnitsIn	UnitsOut	UnitsBalance
167	20101228	28-Dec-10	0.19	0	0	875
167	20101229	29-Dec-10	0.19	0	0	875
167	20110119	19-Jan-11	0.19	0	0	875
167	20110121	21-Jan-11	0.19	0	0	875
167	20110122	22-Jan-11	0.19	0	0	875

The Product Inventory table relates to the Date table by using the DateKey column. The Product inventory table relates to the Product table by using the ProductKey column. You need to reduce the size of the data model without losing information. What should you do?

- A. Change Summarization for DateKey to Don't Summarize.
- B. Change the data type of UnitCost to Integer.
- C. Remove the relationship between Date and Product Inventory.
- D. Remove MovementDate.

Answer: D

NEW QUESTION 134

- (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?

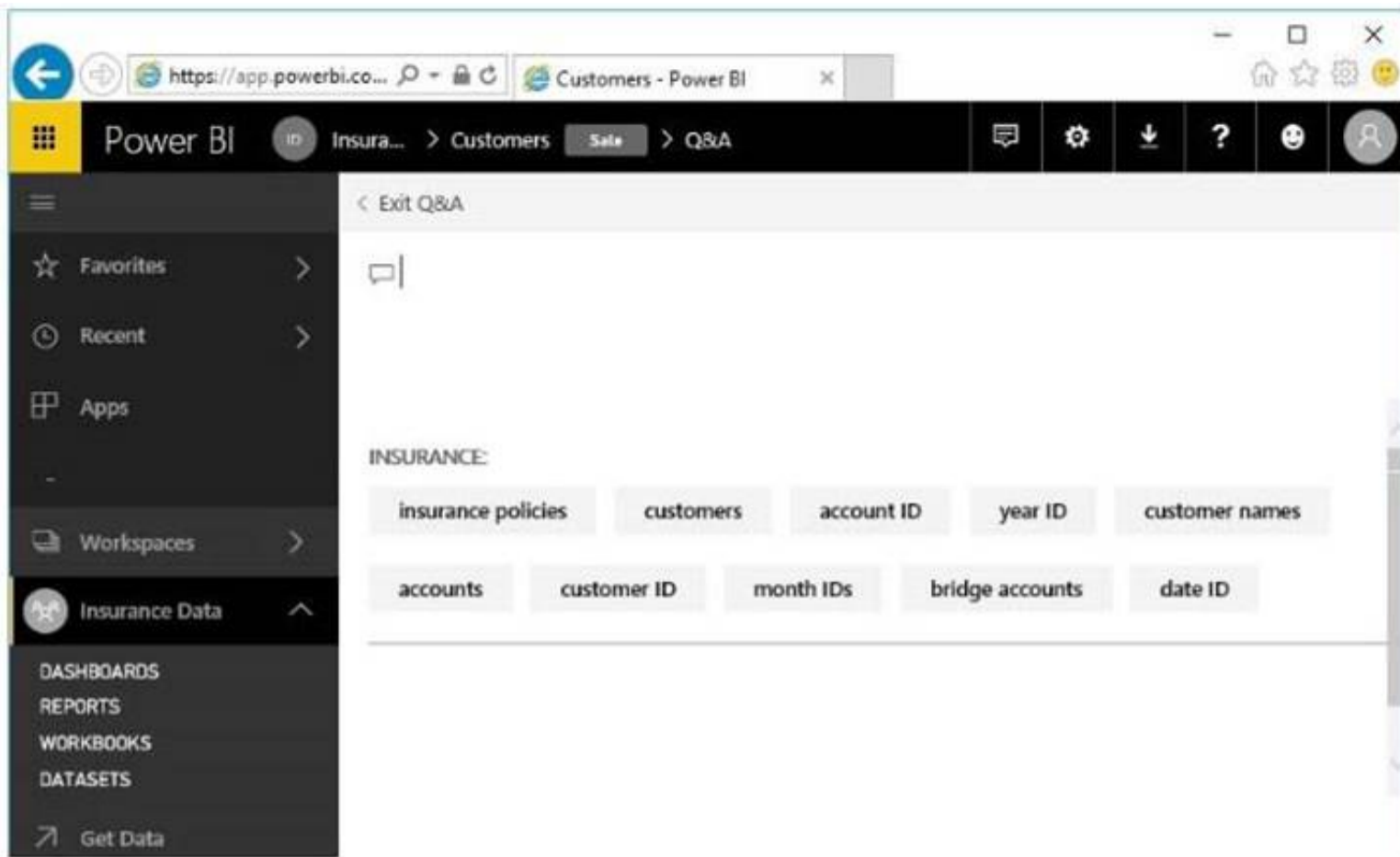
- A. Create production reports in a separate workspace that uses a shared dataset from the development workspac
- B. Grant the end users access to the production workspace.
- C. In the same workspace, create separate copies of the assets and append DEV to the names of the copied asset
- D. Grant the 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 139

- (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.

Answer Area

A tenant administrator created a data classification that has a shorthand of [answer choice].

- Customers
- Insurance
- Insurance Data
- Sale

The dashboard uses a dataset named [answer choice].

- Customers
- Insurance
- Insurance Data
- Sale

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 142

- (Exam Topic 4)

You have a Power BI report

You have a table named Dalai that contains 10 million rows. Data is used in the following visuals:

- A card that shows the number of records
- A bar chart that shows total transaction amount by territory
- A scatter plot that shows transaction amount and profit amount on the axes and points colored by territory You need to modify the scatter plot to make it easier for users to identify meaningful patterns. The solution must not affect the accuracy of the other visuals-What should you do?

- A. Apply a row filter to the Dalai query in Power Query Editor.
- B. Add a trend line to the scatter plot
- C. Enable high-density sampling on the scatter plot
- D. Add a count field of the transaction amount to the size bucket of the scatter plot

Answer: B

NEW QUESTION 145

- (Exam Topic 4)

You have a Power BI report that contains three pages named Page1, Page2, and Page3. All the pages have the same slicers. You need to ensure that all the filters applied to Page1 apply to Page1 and Page3 only. What should you do?

- A. Sync the slicers on Page1 and Page3
- B. On each page, modify the interactions of the slicer.

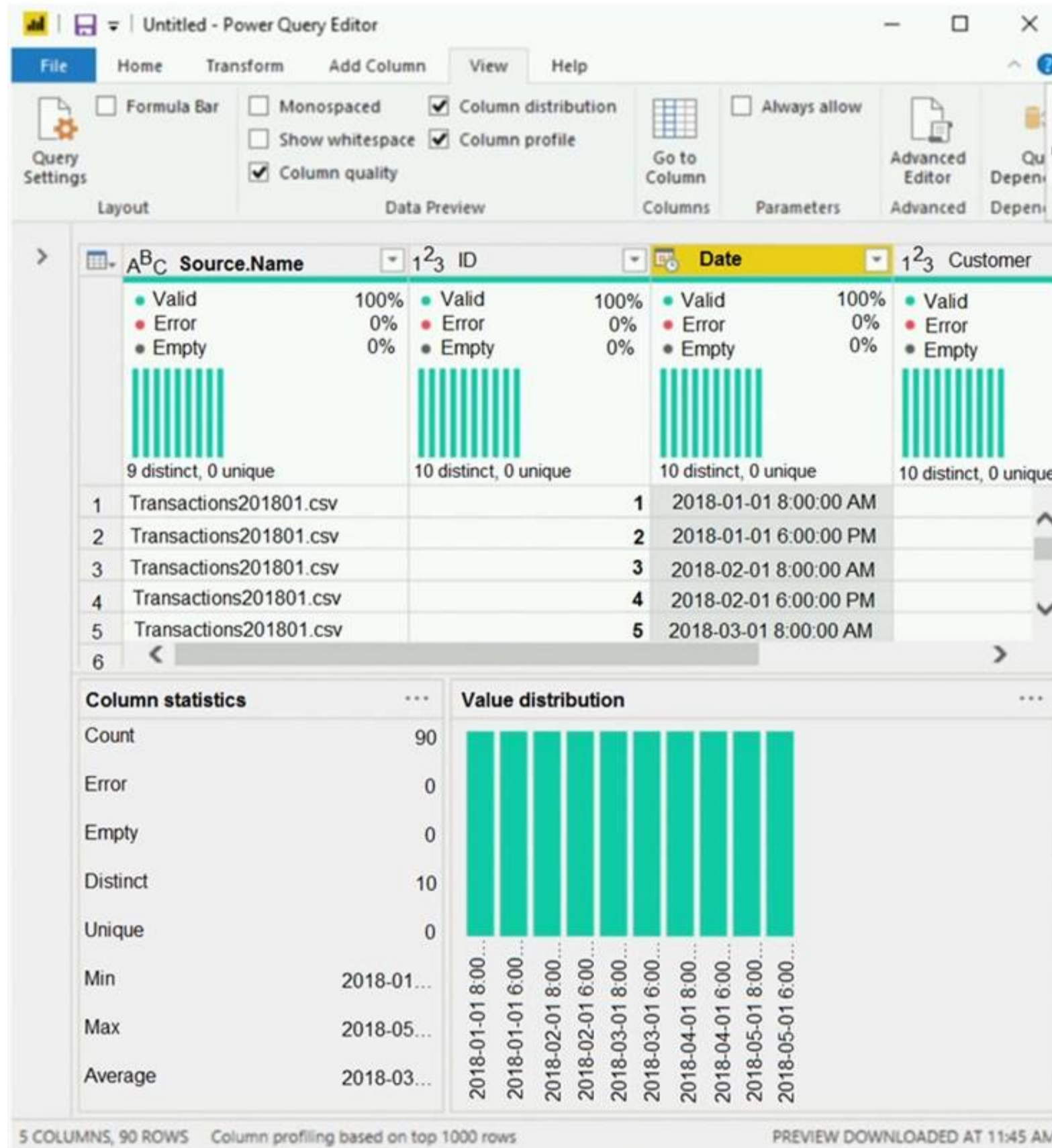
C. Enable visibility of the slicers on Page1 and Page3. Disable visibility of the slicer on Page2.

Answer: B

NEW QUESTION 146

- (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:

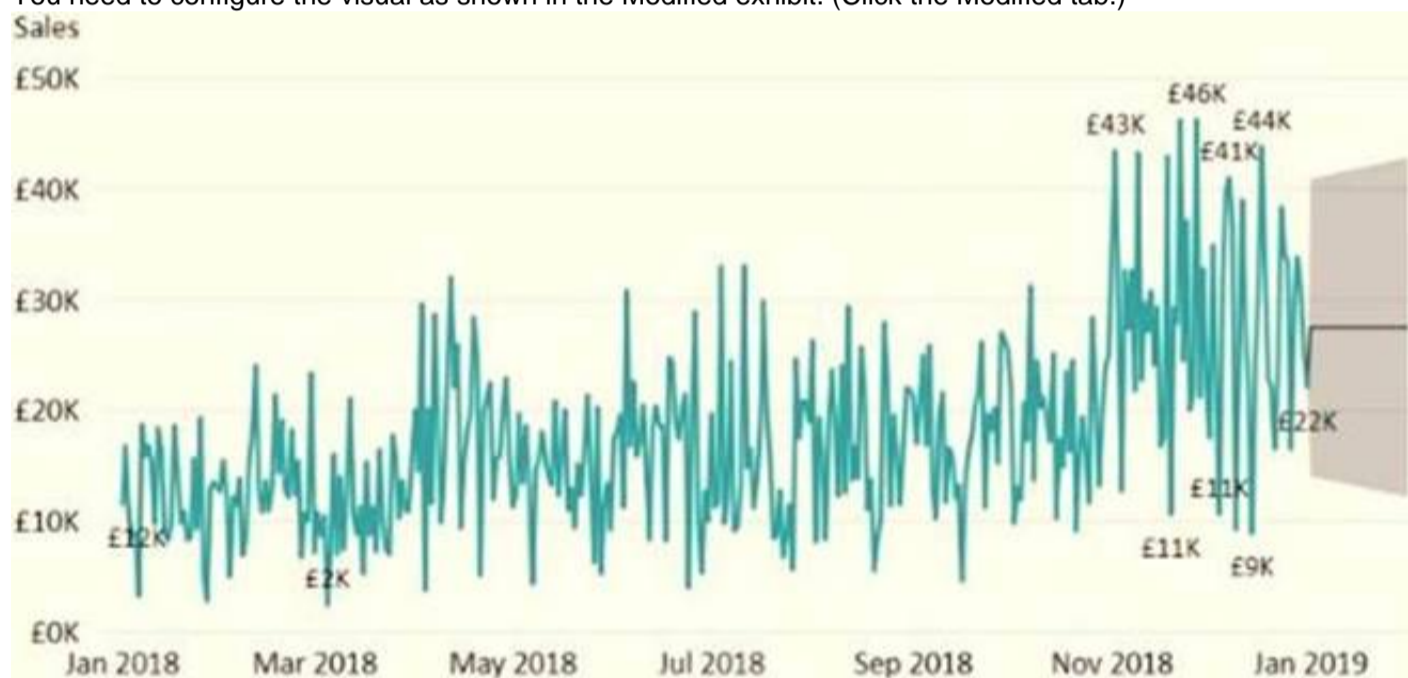
Box 1: 9
 9 distinct CSV files.
 Box 2: 10
 10 distinct dates.
<https://pediaa.com/what-is-the-difference-between-unique-and-distinct-in-sql/#:~:text=Unique%20and%20Disti>

NEW QUESTION 149

- (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 150

- (Exam Topic 4)
 You have two tables named Customers and Invoice in a Power BI model. The Customers table contains the following fields:

- > CustomerID
- > Customer City
- > Customer State
- > Customer Name
- > Customer Address 1
- > Customer Address 2
- > Customer Postal Code

The Invoice table contains the following fields:

- > Order ID

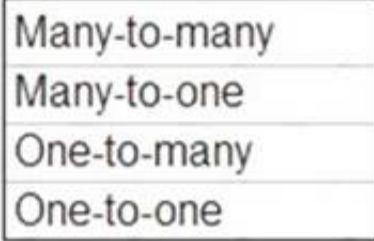
- > Invoice ID
- > Invoice Date
- > Customer ID
- > Total Amount
- > Total Item Count


The Customers table is related to the Invoice table through the Customer ID columns. A customer can have many invoices within one month. The Power BI model must provide the following information:

- > The number of customers invoiced in each state last month
- > The average invoice amount per customer in each postal code

You need to define the relationship from the Customers table to the Invoice table. The solution must optimize query performance. What should you configure? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Cardinality: 

Cross-filter direction: 

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: One-to-many

A customer can have many invoices within one month.

Box 2: Single

For One-to-many relationships, the cross filter direction is always from the "one" side, and optionally from the "many" side (bi-directional). For Single cross filter direction means "single direction", and Both means "both directions". A relationship that filters in both directions is commonly described as bi-directional.

Reference:

<https://docs.microsoft.com/en-us/power-bi/transform-model/desktop-relationships-understand>

NEW QUESTION 151

- (Exam Topic 4)

You have a Power BI workspace named Inventory that contains a dataset a report and a dashboard. You need to add an additional tile to the dashboard. The tile must show inventory by location. This information is NOT visualized in the report. The solution must minimize the impact on the report.

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

- A. Use quick insights on the dashboard.
- B. Hide the report page.
- C. Ask a question by using Q&A.
- D. Add the visual to the report.
- E. Pin the visual to the dashboard.

Answer: CE

NEW QUESTION 152

- (Exam Topic 4)

You are creating a Power BI report by using Power Bi Desktop.

You need to include a visual that shows trends and other useful information automatically. The visual must update based on selections in other visuals.

Which type of visual should you use?

- A. key influencers
- B. decomposition tree
- C. Q&A
- D. smart narrative

Answer: A

NEW QUESTION 153

- (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.

Answer Area

```
Late Orders Percent =
VAR OrderCount =
    COUNTROWS ( 'Orders' )
VAR LateOrders =
    CALCULATE (
        COUNTROWS ( 'Orders' ),
        FILTER ( Orders, Orders[ShippedDate] > Orders[RequiredDate] )
    )
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

```
Late Orders Percent =
VAR OrderCount =
    COUNTROWS ( 'Orders' )
VAR LateOrders =
    CALCULATE (
        COUNTROWS ( 'Orders' ),
        FILTER ( Orders, Orders[ShippedDate] > Orders[RequiredDate] )
    )
```

NEW QUESTION 157

- (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.

From Power Query Editor, you profile the data shown in the following exhibit.

	IoT GUID	IoT DateTime	IoT ID
	Valid 100% Error 0% Empty 0%	Valid 100% Error 0% Empty 0%	Valid 100% Error 0% Empty 0%
1	48196321-38D9-EC11-8B3D-0022489A2...	21/05/2022 18:59:25	100001000
2	49196321-38D9-EC11-8B3D-0022489A2...	21/05/2022 18:59:26	100001001
3	0300C742-38D9-EC11-8B3D-0022489A2...	21/05/2022 19:00:21	100001002
4	0400C742-38D9-EC11-8B3D-0022489A2...	21/05/2022 19:00:21	100001003
5	0500C742-38D9-EC11-8B3D-0022489A2...	21/05/2022 19:00:21	100001004
6	0600C742-38D9-EC11-8B3D-0022489A2...	21/05/2022 19:00:21	100001005

The IoT GUID and IoT ID columns are unique to each row in query.

You need to analyze IoT events by the hour and day of the year. The solution must improve dataset performance.

Solution: You remove the IoT GUID column and retain the IoT ID column. Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 162

- (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 they 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 166

- (Exam Topic 4)

You have a table that contains a column named Phone. The following is a sample of the data in the Phone column.

```
436-555-0160
385-555-0140
452-555-0179
290-555-0196
1 (11) 500 555-0122
128-555-0148
819-555-0186
996-555-0192
138-555-0156
556-555-0192
```

You need to add a new column that contains the data in the format of nnn-xxx-xxxx.

How should you complete the Query Editor formula? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

= Table.AddColumn("#Previous Step", "Custom", each Text.

▼
Insert
Remove
Replace
ReplaceRange

(Text.

▼
At
End
Middle
Range

(([Phone], 12), " ", "-"))

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Text Description automatically generated

References:

<https://docs.microsoft.com/en-us/powerquery-m/text-replace> <https://docs.microsoft.com/en-us/powerquery-m/text-end>

NEW QUESTION 169

- (Exam Topic 4)

You need to create a visualization to meet the reporting requirements of the sales managers.

HOW Should create the Visualization? TO answer, select the appropriate options in the answer area.

See the explanation for answer.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Indicator: Sales[sales_amount] ▼

Trend axis: Date[month] ▼

Target goals: Targets[sales_target] ▼

NEW QUESTION 173

- (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-365>

NEW QUESTION 178

- (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 from 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 183

- (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 184

- (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 Power BI report that imports a date table and a sales table from an Azure SQL database data source. The sales table has the following date foreign keys:

- > Due Date
- > Order Date
- > Delivery Date

You need to support the analysis of sales over time based on all the date foreign keys.

Solution: From Power Query Editor, you rename the date query as Due Date. You reference the Due Date query twice to make the queries for Order Date and Delivery Date.

Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

Creating two additional tables in Power Query can be a possible solution: Remove any inactive relationships.

Consider renaming the role-playing dimension-type table to better describe its role. In the example, the Airport table is related to the ArrivalAirport column of the Flight table, so it's renamed as Arrival Airport.

Create a copy of the role-playing table, providing it with a name that reflects its role. If it's an Import table, we recommend defining a calculated table. If it's a DirectQuery table, you can duplicate the Power Query query.

In the example, the Departure Airport table was created by using the following calculated table definition.

NEW QUESTION 188

.....

Thank You for Trying Our Product

We offer two products:

1st - We have Practice Tests Software with Actual Exam Questions

2nd - Questions and Answers in PDF Format

PL-300 Practice Exam Features:

- * PL-300 Questions and Answers Updated Frequently
- * PL-300 Practice Questions Verified by Expert Senior Certified Staff
- * PL-300 Most Realistic Questions that Guarantee you a Pass on Your First Try
- * PL-300 Practice Test Questions in Multiple Choice Formats and Updates for 1 Year

100% Actual & Verified — Instant Download, Please Click
[Order The PL-300 Practice Test Here](#)