

DA-100 Dumps

Analyzing Data with Microsoft Power BI

<https://www.certleader.com/DA-100-dumps.html>



NEW QUESTION 1

- (Exam Topic 1)

You need to create a relationship between the Weekly_Returns table and the Date table to meet the reporting requirements of the regional managers. What should you do?

A. In the Weekly_Returns table, create a new calculated column named date-id in a format of yyyyymmdd and use the calculated column to create a relationship to the Date table.

B. Add the Weekly_Returns data to the Sales table by using related DAX functions.

C. Create a new table based on the Date table where date-id is unique, and then create a many-to-many relationship to Weekly_Return.

Answer: A

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:

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

NEW QUESTION 3

- (Exam Topic 3)

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: B

NEW QUESTION 4

- (Exam Topic 3)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You create a parameter named DataSourceExcel that holds the file name and location of a Microsoft Excel data source.

You need to update the query to reference the parameter instead of multiple hard-coded copies of the location within each query definition.

Solution: You create a new query that references DataSourceExcel. Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 5

- (Exam Topic 3)

You are configuring a Microsoft Power BI data model to enable users to ask natural language questions by using Q&A. You have a table named Customer that has the following measure.

Customer Count = DISTINCTCOUNT(Customer[CustomerID]) Users frequently refer to customers as subscribers.

You need to ensure that the users can get a useful result for "subscriber count" by using Q&A. The solution must minimize the size of the model. What should you do?

- A. Add a description of "subscriber count" to the Customer Count measure.
- B. Set Summarize By to None for the CustomerID column.
- C. Add a description of "Subscriber" to the Customer table.
- D. Add a synonym of "subscriber" to the Customer table.

Answer: D

NEW QUESTION 6

- (Exam Topic 3)

You have a Microsoft Power BI workspace.

You need to grant the user capabilities shown in the following table.

User name	Task
User1	Create and publish apps.
User2	Publish reports to the workspace and delete dashboards.

The solution must use the principle of least privilege.

Which user role should you assign to each user? To answer, drag the appropriate roles to the correct users. Each role 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.

Roles

AdminContributorMemberViewer

Answer Area

User1: Role

User2: Role

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Roles				Answer Area	
Admin	Contributor	Member	Viewer	User1:	Member
				User2:	Admin

NEW QUESTION 7

- (Exam Topic 3)

You are creating a quick measure as shown in the following exhibit.

Quick measures

Calculation

Rolling average

Calculate the average of base value over a certain number of periods before and/or after each date.
[Learn more](#)

Base value

Customer

Product

Sales

Date

Gross Margin

Month

MonthNumberOfYear

Quarter

Sales_SRC

Time Intelligence

Total Cost

Total Order Qty

Total Sales

Total Sales rolling average

Unit Price

Year

Period

Days

Periods before

1

Periods after

0

You need to create a monthly rolling average measure for Sales over time-How should you configure the quick measure calculation? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Base value:	<div> <div>Month</div> <div>Total Cost</div> <div>Total Order Qty</div> <div>Total Sales</div> <div>Year</div> </div>
Date:	<div> <div>Date</div> <div>Month</div> <div>Total Sales</div> <div>Year</div> </div>
Period:	<div> <div>Days</div> <div>Months</div> <div>Quarters</div> <div>Years</div> </div>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Base value:	<div>Month Total Cost Total Order Qty Total Sales Year</div>
Date:	<div>Date Month Total Sales Year</div>
Period:	<div>Days Months Quarters Years</div>

NEW QUESTION 8

- (Exam Topic 3)

You import a large dataset to Power Query Editor.

You need to identify whether a column contains only unique values.

Which two Data Preview options can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point

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

Answer: AD

NEW QUESTION 9

- (Exam Topic 3)

You have a Microsoft Power BI dashboard. The report used to create the dashboard uses an imported dataset from a Microsoft SQL Server data source. The dashboard is shown in the exhibit. (Click the Exhibit tab.)



What occurred at 12:03:06 PM?

- A. A user pressed F5
- B. A new transaction was added to the data source.
- C. A user added a comment to a tile.
- D. The dashboard tile cache refreshed.

Answer: A

NEW QUESTION 10

- (Exam Topic 3)

You have a collection of reports for the HR department of your company. The datasets use row-level security (RLS). The company has multiple sales regions that each has an HR manager. You need to ensure that the HR managers can interact with the data from their region only. The HR managers must be prevented from changing the layout of the reports. How should you provision access to the reports for the HR managers?

- A. Create a new workspace, copy the datasets and reports, and add the HR managers as members of the workspace.
- B. Publish the reports to a different workspace other than the one hosting the datasets.
- C. Publish the reports in an app and grant the HR managers access permission.
- D. Add the HR managers as members of the existing workspace that hosts the reports and the datasets.

Answer: D

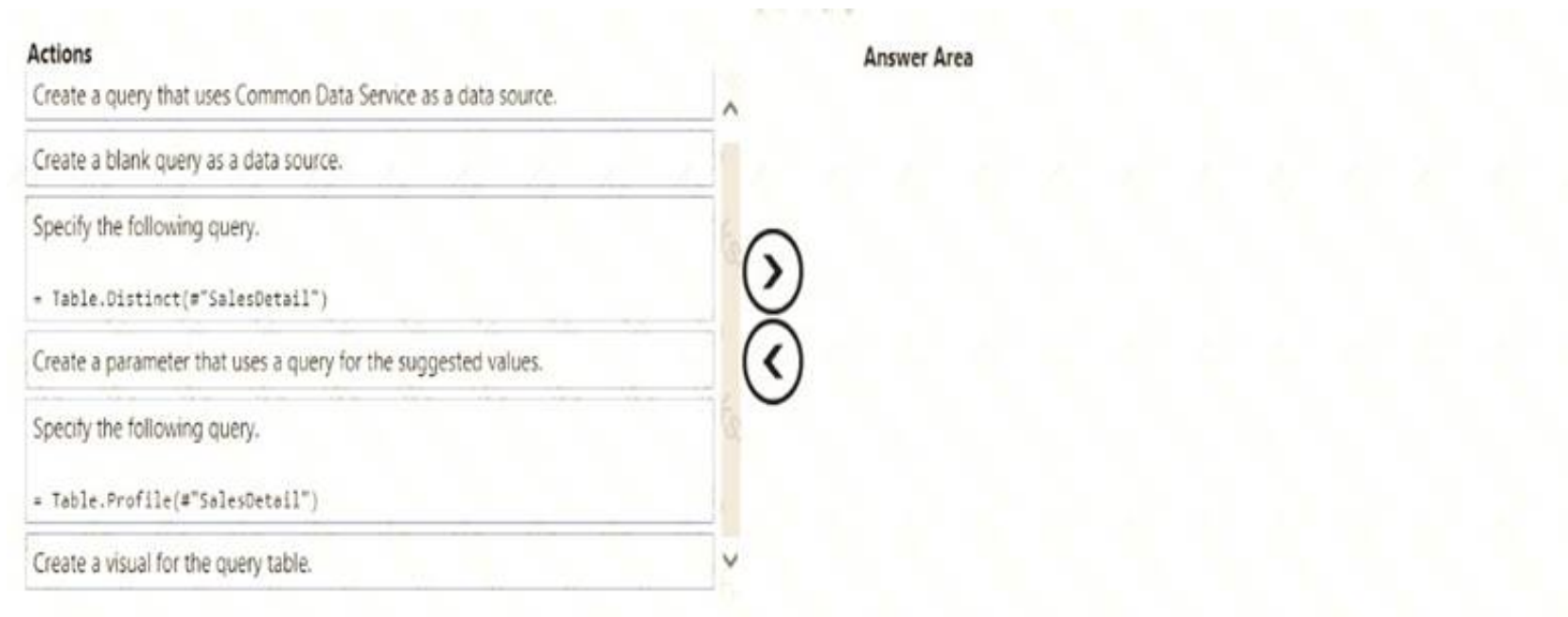
NEW QUESTION 10

- (Exam Topic 3)

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.

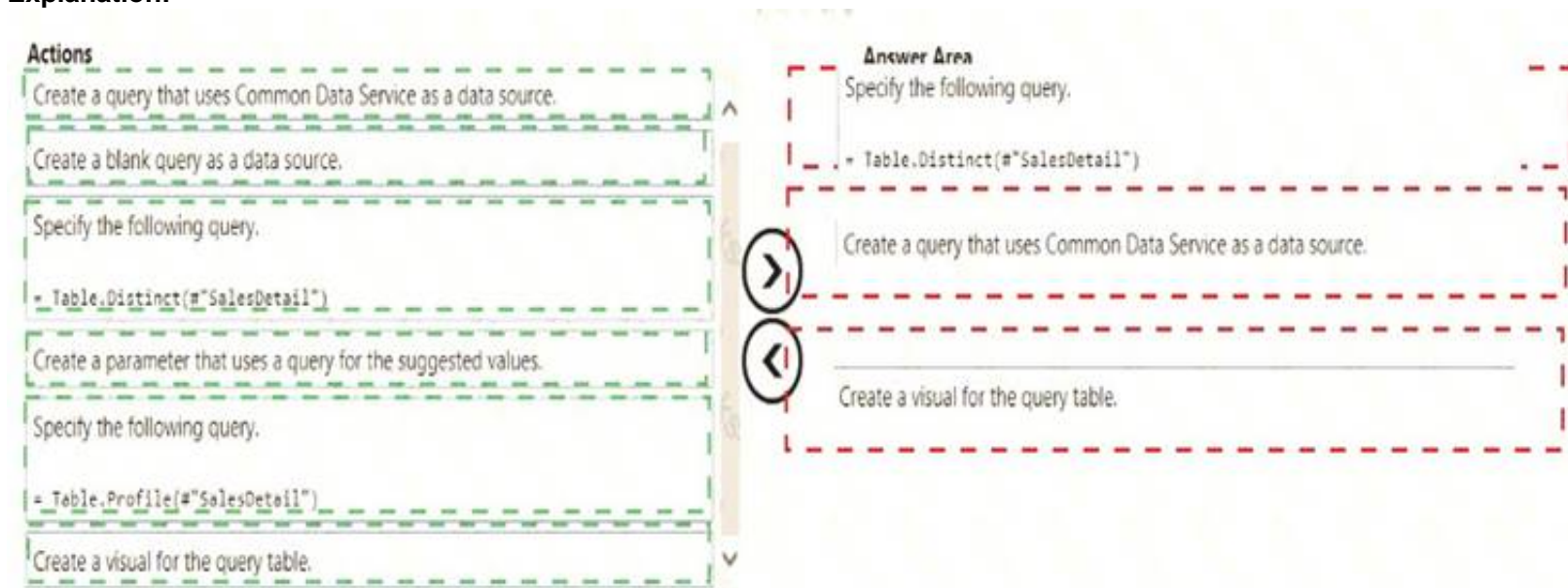
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 11

- (Exam Topic 3)

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 14

- (Exam Topic 3)

You have a Microsoft Power BI dashboard.

You need to ensure that consumers of the dashboard can give you feedback that will be visible to the other consumers of the dashboard.

What should you use?

- A. Feedback
- B. Subscribe
- C. Comments
- D. Mark as favorite

Answer: D

NEW QUESTION 18

- (Exam Topic 3)

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

NEW QUESTION 22

- (Exam Topic 3)

You are creating an analytics report that will consume data from the tables shown in the following table.

Table name	Column name	Data type
Sales	sales_id	Integer
	sales_date	Datetime
	Customer_id	Integer
	sales_amount	Floating
	employee_id	Integer
	sales_ship_date	Datetime
	store_id	Varchar(100)
Employee	employee_id	Integer
	first_name	Varchar(100)
	last_name	Varchar(100)
	employee_photo	Binary

There is a relationship between the tables.

There are no reporting requirements on employeejd and employee_photo. You need to optimize the data model

What should you configure for employeejd and employee.photo? To answer, select the appropriate options in the answer area.

Answer Area

Employee_id:

Change Type

Delete

Hide

Sort

Employee_photo:

Change Type

Delete

Hide

Sort

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Employee_id:

Change Type

Delete

Hide

Sort

Employee_photo:

Change Type

Delete

Hide

Sort

NEW QUESTION 26

- (Exam Topic 3)

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

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.

Answer Area

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Actions

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.

Answer Area

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

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

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

NEW QUESTION 31

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