DA-100Q&As

Analyzing Data with Microsoft Power BI

Pass Microsoft DA-100 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

https://www.lead4pass.com/da-100.html

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Microsoft Official Exam Center

QUESTION 1

HOTSPOT

You have two tables named Customers and Invoice in a Power BI model. The Customers table contains the following fields:

1.

CustomerID

2.

Customer City

3.

Customer State

4.

Customer Name

5.

Customer Address 1

6.

Customer Address 2

7.

Customer Postal Code

The Invoice table contains the following fields:

1.

Order ID

2.

Invoice ID

3.

Invoice Date

4.

Customer ID

5.

Total Amount

6.

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

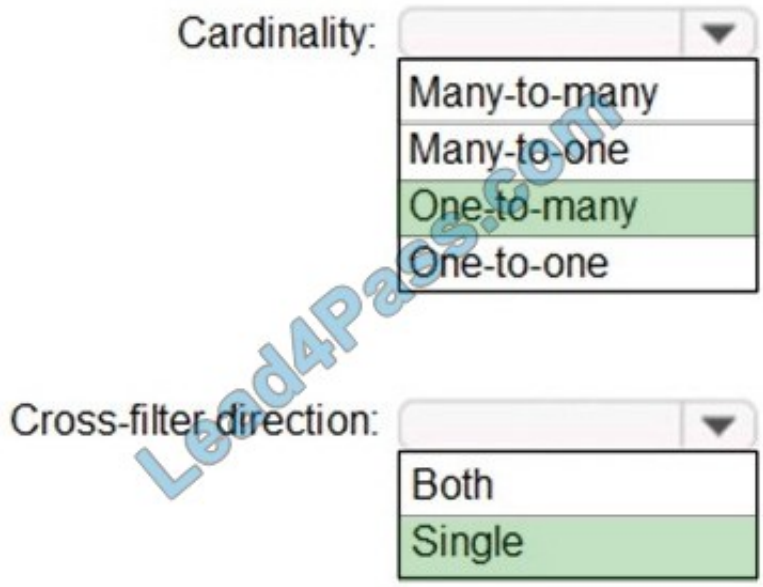
The average invoice amount per customer in each postal code

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.

Hot Area:

Correct Answer:



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).

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.

QUESTION 2

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

Correct Answer: C

Outliers are those data points that lie outside the overall pattern of distribution and the easiest way to detect outliers is though 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- microsoft-power-bi-d7ad16ac9ccc

QUESTION 3

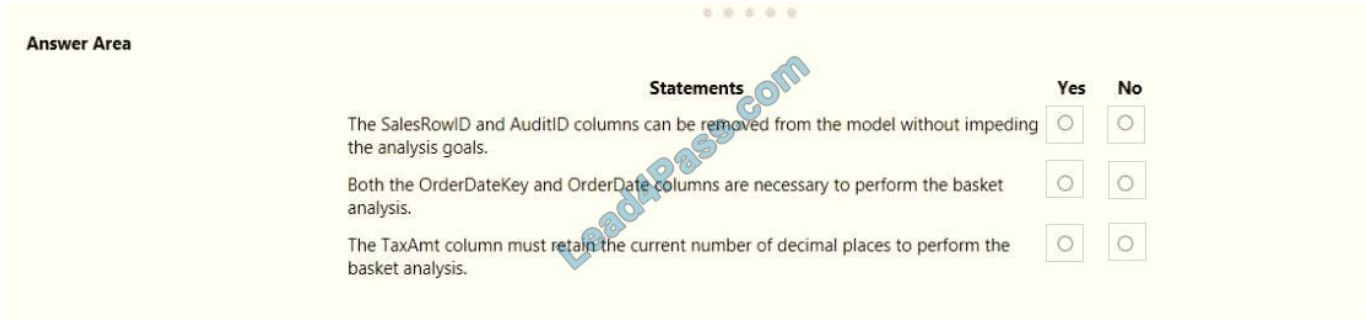
HOTSPOT

You are creating a Microsoft Power Bl 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.)

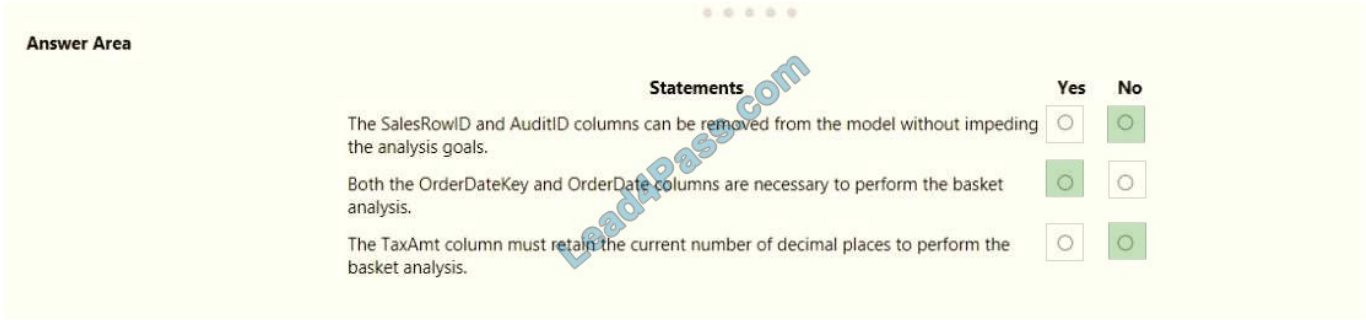
Column name	Data type	Description
SalesRowID	Integer	ID of the row from the source system, which represents a unique combination of SalesOrderNumber and SalesOrderLineNumber
ProductKey	Integer	Surrogate key that relates to the product dimension
OrderDateKey	Integer	Surrogate key that relates to the date 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. Sales contains the data shown in the following table.

Hot Area:



Correct Answer:



QUESTION 4

You have a prospective customer list that contains 1,500 rows of data. The list contains the following fields:

1.

First name

2.

Last name

3.

Email address

4.

State/Region

5.

Phone number

You import the list into Power Query Editor.

You need to ensure that the list contains records for each State/Region to which you want to target a marketing campaign.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. Open the Advanced Editor.

B. Select Column quality.

C. Enable Column profiling based on entire dataset.

D. Select Column distribution.

E. Select Column profile.

Correct Answer: DE

Data Profiling, Quality and Distribution in Power BI / Power Query features To enable these features, you need to go to the View tab a Data Preview Group a Check the following:

1.

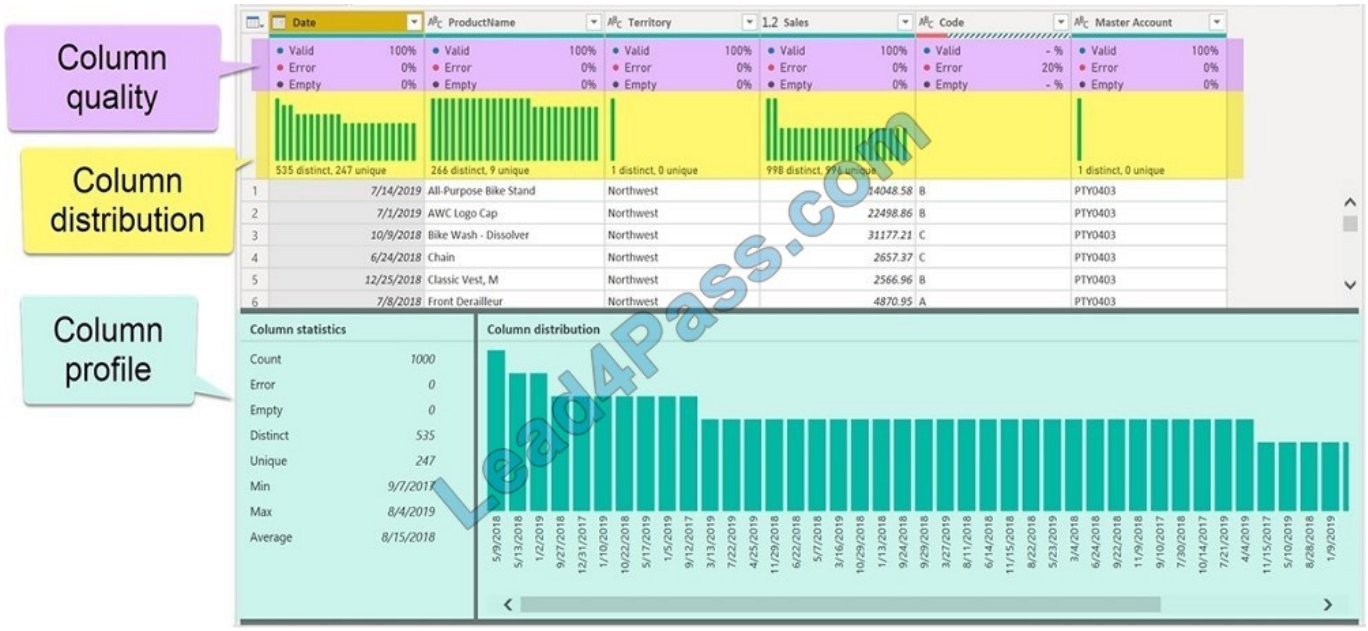
Column quality

2.

Column profile

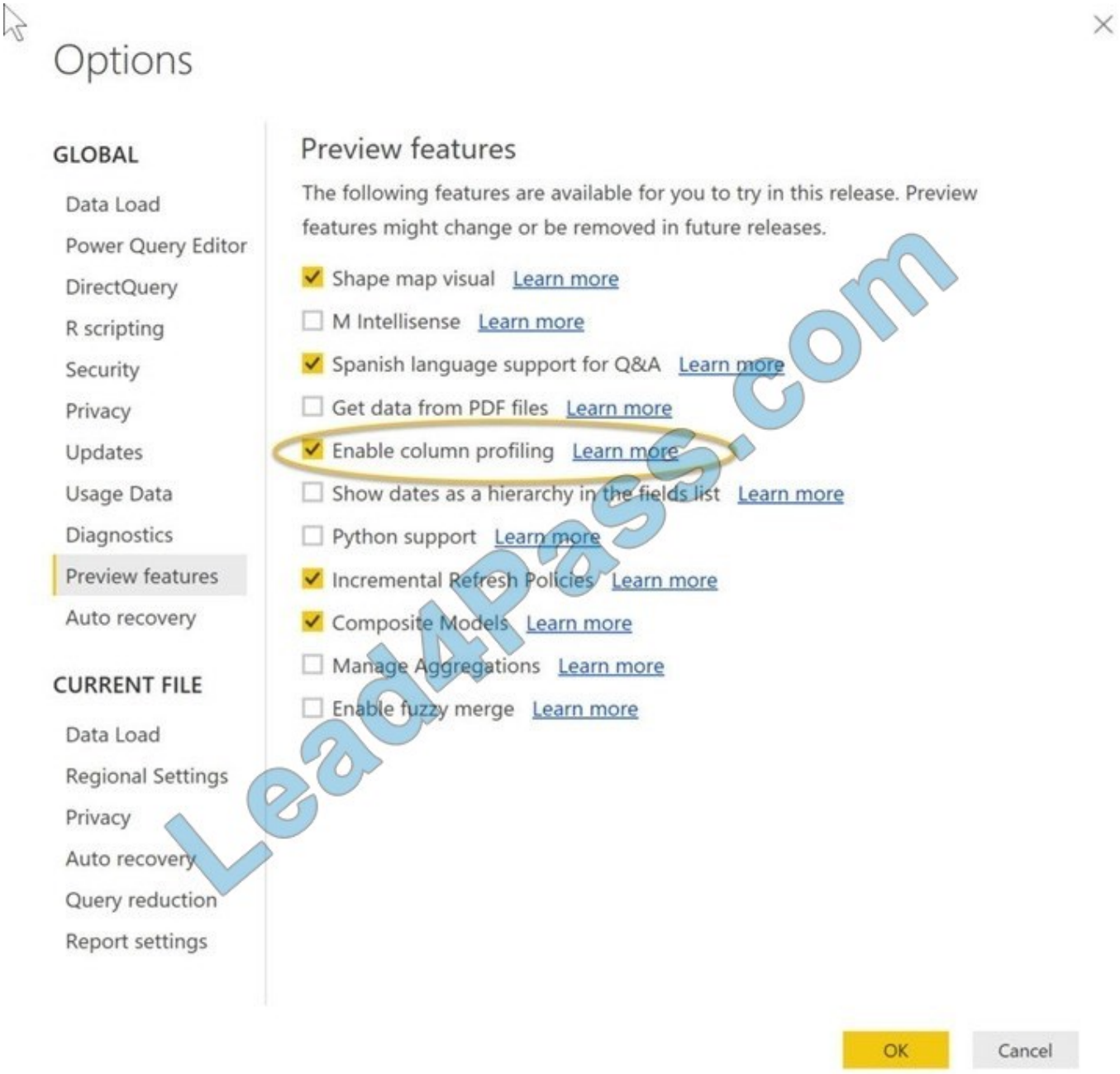
3.

Column distribution



Column profile

Turn on the Column Profiling feature.



Column distribution

Can use it to visually realize that your query is missing some data because of distinct and uniqueness counts.

Reference:

https://www.poweredsolutions.co/2019/08/13/data-profiling-quality-distribution-in-power-bi-power-query/
https://www.altentertraining.com/microsoft/power-bi/column-profiling-is-good/

QUESTION 5

You have a sales system that contains the tables shown in the following table.

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

The Date table is marked as a date table.

DateID is the date data type. You need to create an annual sales growth percentage measure.

Which DAX expression should you use?

A. SUM(sales[sales_amount]) - CALCULATE(SUM(sales[sales_amount]), SAMEPERIODLASTYEAR (\\'Date\\'[DateID])

B. CALCULATE(SUM(sales[sales_amount]), DATESYTD(\\'Date\\'[DateID]))

C. (SUN(sales[sales_araount]) - CALCULATE(SUM(sales[sales_amount]), SAHEPERIOOLASTYEAR (\\'Date\\'[DateID]))/ CALCULATE(SUM(sales[sales_amount]), SAMEPERIOOLASTYEAR (\\'Date\\'[DateID])

D. CALCULATE(SUH(sales[sales_araount]), SAMEPERIODLASTYEAR(\\'Date\\'[DateID])

Correct Answer: D

To Read the Whole Q&As, please purchase the Complete Version from Our website.

Try our product !

100% Guaranteed Success
100% Money Back Guarantee
365 Days Free Update
Instant Download After Purchase
24x7 Customer Support
Average 99.9% Success Rate
More than 800,000 Satisfied Customers Worldwide
Multi-Platform capabilities - Windows, Mac, Android, iPhone, iPod, iPad, Kindle

We provide exam PDF and VCE of Cisco, Microsoft, IBM, CompTIA, Oracle and other IT Certifications.
You can view Vendor list of All Certification Exams offered:

https://www.lead4pass.com/allproducts

Need Help

Please provide as much detail as possible so we can best assist you.
To update a previously submitted ticket: