



DP-500^{Q&As}

Designing and Implementing Enterprise-Scale Analytics Solutions Using
Microsoft Azure and Microsoft Power BI

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QUESTION 1

You are planning a Power BI solution for a customer.

The customer will have 200 Power BI users. The customer identifies the following requirements:

Ensure that all the users can create paginated reports.

Ensure that the users can create reports containing AI visuals.

Provide autoscaling of the CPU resources during heavy usage spikes.

You need to recommend a Power BI solution for the customer. The solution must minimize costs. What should you recommend?

- A. Power BI Premium per user
- B. a Power BI Premium per capacity
- C. Power BI Pro per user
- D. Power BI Report Server

Correct Answer: A

QUESTION 2

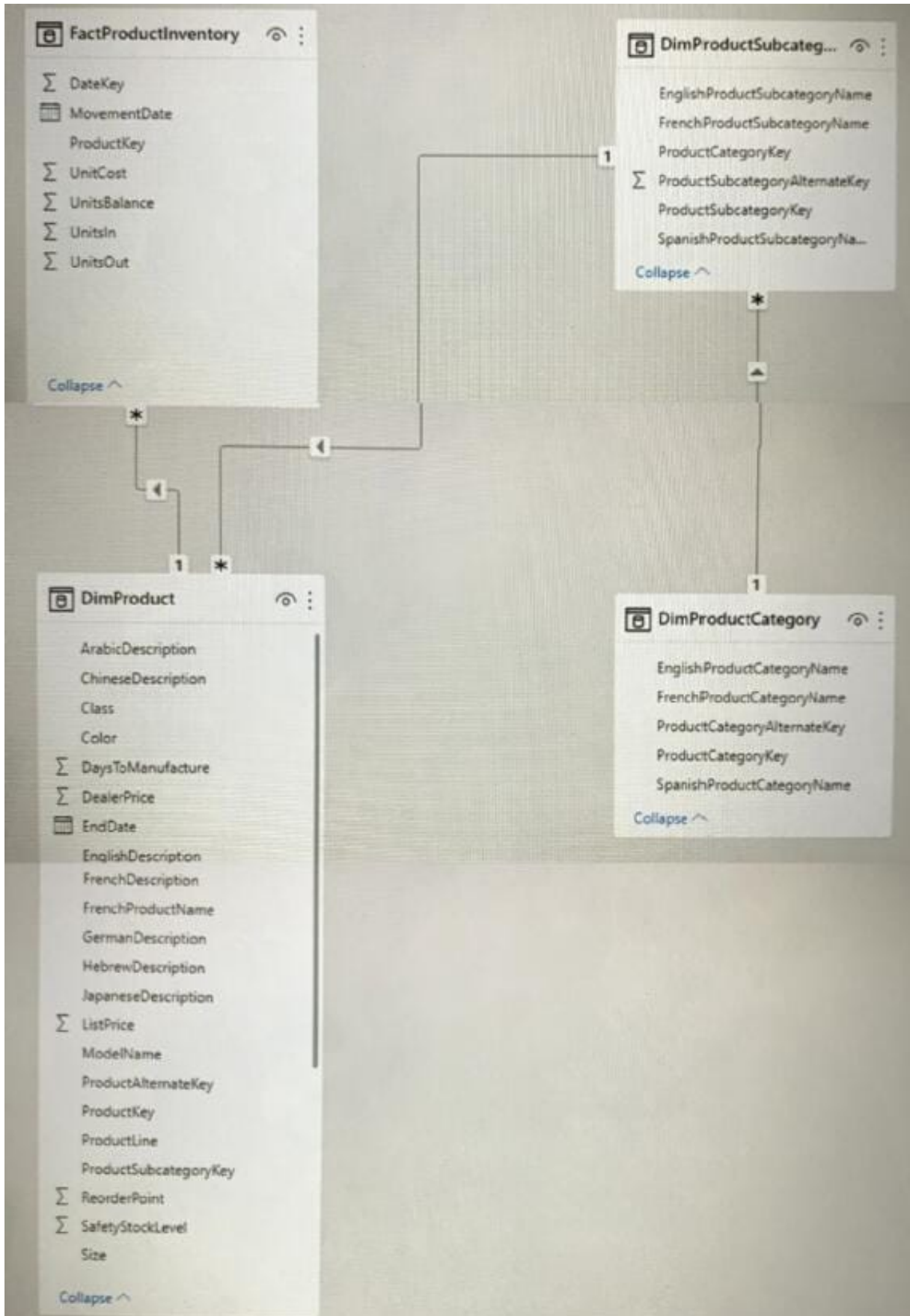
You are using a Python notebook in an Apache Spark pool in Azure Synapse Analytics. You need to present the data distribution statistics from a DataFrame in a tabular view. Which method should you invoke on the DataFrame?

- A. freqItems
- B. explain
- C. rollup
- D. summary

Correct Answer: D

QUESTION 3

You have the Power BI data model shown in the exhibit. (Click the Exhibit tab.) Users indicate that when they build reports from the data model, the reports take a long time to load.



You need to recommend a solution to reduce the load times of the reports. Solution: You recommend moving all the



measures to a calculation group. Does this meet the goal?

- A. Yes
- B. No

Correct Answer: B

QUESTION 4

You have a dataset that contains a table named UserPermissions. UserPermissions contains the following data.

User	Region
CONTOSO\User1	1
CONTOSO\User2	2
CONTOSO\User3	1
CONTOSO\User4	3
CONTOSO\User4	5

You plan to create a security role named User Security for the dataset. You need to filter the dataset based on the current users. What should you include in the DAX expression?

- A. [UserPermissions] - USERNAME()
- B. [UserPermissions] - USERPRINCIPALNAME()
- C. [User] = USERPRINCIPALNAME()
- D. [User] = USERNAME()
- E. [User] = USEROBJECTID()

Correct Answer: D

QUESTION 5

The enterprise analytics team needs to resolve the DAX measure performance issues. What should the team do first?

- A. Use Performance analyzer in Power BI Desktop to get the DAX durations.
- B. Use DAX Studio to get detailed statistics on the server timings.
- C. Use DAX Studio to review the Vertipaq Analyzer metrics.



D. Use Tabular Editor to create calculation groups.

Correct Answer: A

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