

DP-500^{Q&As}

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

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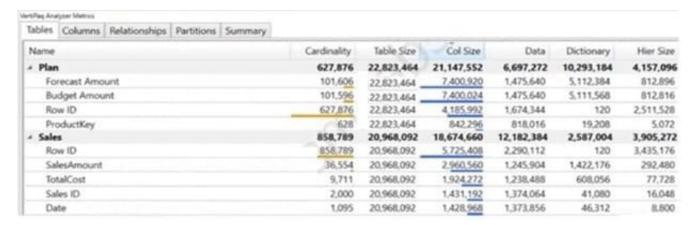


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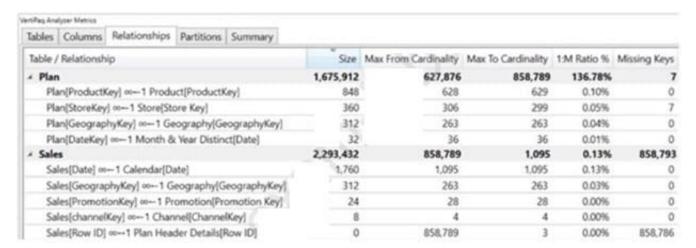
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QUESTION 1

You use the Vertipaq Analyzer to analyze tables in a dataset as shown in the Tables exhibit. (Click the Tables tab.)



The table relationships for the dataset are shown in the Relationships exhibit. (Click the Relationships tab.)



You need to reduce the model size by eliminating invalid relationships. Which column should you remove?

- A. Sales[Sales Amount]
- B. Sales[RowID]
- C. Sales[Sales ID]
- D. Plan[RowID]

Correct Answer: B

Sales[Row ID] has 858,786 missing keys and 858,789 Max From Cardinality. Note: The Max From Cardinality column defines the cost of the relationship which is the amount of time DAX needs to transfer the filters from the dimensions table to the fact table.

Reference: https://blog.enterprisedna.co/vertipaq-analyzer-tutorial-relationships-referential- integrity/

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QUESTION 2

You have a Power BI dataflow named DF1 that contains the following columns:

OrderID SaleDate ProductID SalesAmount ProductCategory

You create a Power BI dataset named DS1 that uses DF1 as a data source. DS1 creates an aggregated view of the data in DF1. The view contains the following columns:

SaleMonth SalesAmount ProductCategory

You need to minimize how long it takes to refresh DS1.

What should you do first?

- A. Add a computed entity to DF1.
- B. Create a custom function in DS1.
- C. Create a linked entity in DF1.
- D. Add a computed column to DS1.

Correct Answer: D

QUESTION 3

You have an Azure Synapse Analytics serverless SQL pool.

You need to catalog the serverless SQL pool by using Azure Purview.

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

NOTE: Each correct selection is worth one point.

- A. Create a managed identity in Azure Active Directory (Azure AD).
- B. Assign the Storage Blob Data Reader role to the Azure Purview managed service identity (MSI) for the storage account associated to the Synapse Analytics workspace.
- C. Assign the Owner role to the Azure Purview managed service identity (MSI) for the Azure Purview resource group.
- D. Register a data source.
- E. Assign the Reader role to the Azure Purview managed service identity (MSI) for the Synapse Analytics workspace.

Correct Answer: BDE

QUESTION 4



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You plan to modify a Power BI dataset.

You open the Impact analysis panel for the dataset and select Notify contacts.

Which contacts will be notified when you use the Notify contacts feature?

- A. any users that accessed a report that uses the dataset within the last 30 days
- B. the workspace admins of any workspace that uses the dataset
- C. the Power BI admins
- D. all the workspace members of any workspace that uses the dataset

Correct Answer: B

QUESTION 5

You need to use Power BI to ingest data from an API. The API requires that an API key be passed in the headers of the request. Which type of authentication should you use?

- A. organizational account
- B. Basic
- C. Web API
- D. Anonymous

Correct Answer: C

https://learn.microsoft.com/en-us/power-query/connector-authentication#select-an-authentication-method

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