



DP-500^{Q&As}

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

Pass Microsoft DP-500 Exam with 100% Guarantee

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

<https://www.pass4itsure.com/dp-500.html>

100% Passing Guarantee
100% Money Back Assurance

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

- ⚙ **Instant Download** After Purchase
- ⚙ **100% Money Back** Guarantee
- ⚙ **365 Days** Free Update
- ⚙ **800,000+** Satisfied Customers





QUESTION 1

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

Vertipaq Analyzer Metrics						
Tables	Columns	Relationships	Partitions	Summary		
Name	Cardinality	Table Size	Col Size	Data	Dictionary	Hier Size
Plan	627,876	22,823,464	21,147,552	6,697,272	10,293,184	4,157,096
Forecast Amount	101,606	22,823,464	7,400,920	1,475,640	5,112,384	812,896
Budget Amount	101,596	22,823,464	7,400,024	1,475,640	5,111,568	812,816
Row ID	627,876	22,823,464	4,185,992	1,674,344	120	2,511,528
ProductKey	628	22,823,464	842,296	818,016	19,208	5,072
Sales	858,789	20,968,092	18,674,660	12,182,384	2,587,004	3,905,272
Row ID	858,789	20,968,092	5,725,408	2,290,112	120	3,435,176
SalesAmount	36,554	20,968,092	2,960,560	1,245,904	1,422,176	292,480
TotalCost	9,711	20,968,092	1,924,272	1,238,488	608,056	77,728
Sales ID	2,000	20,968,092	1,431,192	1,374,064	41,080	16,048
Date	1,095	20,968,092	1,428,968	1,373,856	46,312	8,800

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

Vertipaq Analyzer Metrics						
Tables	Columns	Relationships	Partitions	Summary		
Table / Relationship	Size	Max From Cardinality	Max To Cardinality	1:M Ratio %	Missing Keys	
Plan	1,675,912	627,876	858,789	136.78%	7	
Plan[ProductKey] ↔ 1 Product[ProductKey]	848	628	629	0.10%	0	
Plan[StoreKey] ↔ 1 Store[Store Key]	360	306	299	0.05%	7	
Plan[GeographyKey] ↔ 1 Geography[GeographyKey]	312	263	263	0.04%	0	
Plan[DateKey] ↔ 1 Month & Year Distinct[Date]	32	36	36	0.01%	0	
Sales	2,293,432	858,789	1,095	0.13%	858,793	
Sales[Date] ↔ 1 Calendar[Date]	1,760	1,095	1,095	0.13%	0	
Sales[GeographyKey] ↔ 1 Geography[GeographyKey]	312	263	263	0.03%	0	
Sales[PromotionKey] ↔ 1 Promotion[Promotion Key]	24	28	28	0.00%	0	
Sales[channelKey] ↔ 1 Channel[channelKey]	8	4	4	0.00%	0	
Sales[Row ID] ↔ 1 Plan Header Details[Row ID]	0	858,789	3	0.00%	858,786	

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/>

**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



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>

[Latest DP-500 Dumps](#)

[DP-500 PDF Dumps](#)

[DP-500 Study Guide](#)