

Exam Questions DP-500

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

<https://www.2passeasy.com/dumps/DP-500/>



NEW QUESTION 1

- (Exam Topic 3)

You plan to generate a line chart to visualize and compare the last six months of sales data for two departments. You need to increase the accessibility of the visual. What should you do?

- A. Replace long text with abbreviations and acronyms.
- B. Configure a unique marker for each series.
- C. Configure a distinct color for each series.
- D. Move important information to a tooltip.

Answer: C

Explanation:

Themes, contrast and colorblind-friendly colors.

You should ensure that your reports have enough contrast between text and any background colors. Certain color combinations are particularly difficult for users with color vision deficiencies to distinguish.

These include the following combinations:

green and red green and brown blue and purple green and blue

light green and yellow blue and grey

green and grey green and black

Avoid using these colors together in a chart, or on the same report page.

Reference: <https://docs.microsoft.com/en-us/power-bi/create-reports/desktop-accessibility-creating-reports>

NEW QUESTION 2

- (Exam Topic 3)

You have a Power Bi workspace named Workspacel in a Premium capacity. Workspacel contains a dataset. During a scheduled refresh, you receive the following error message: "Unable to save the changes since the new dataset size of 11,354 MB exceeds the limit of 10,240 MB."

You need to ensure that you can refresh the dataset. What should you do?

- A. Turn on Large dataset storage format.
- B. Connect Workspace1 to an Azure Data Lake Storage Gen2 account
- C. Change License mode to Premium per user.
- D. Change the location of the Premium capacity.

Answer: D

Explanation:

Assigning workspaces to capacities

Workspaces can be assigned to a Premium capacity in the Power BI Admin portal or, for a workspace, in the Workspace pane.

Note: Capacity limits

Workspace storage limits, whether for My Workspace or an app workspace, depend on whether the workspace is in shared or Premium capacity.

* Shared capacity limits

For workspaces in shared capacity:

There is a per-workspace storage limit of 10 GB.

Premium Per User (PPU) tenants have a 100 TB storage limit.

When using a Pro license, the total usage can't exceed the tenant storage limit of 10 GB multiplied by the number of Pro licenses in the tenant.

* Premium capacity limits

For workspaces in Premium capacity:

There is a limit of 100 TB per Premium capacity. There is no per-user storage limit.

Workspace storage usage is shown as 0 (as shown in this screenshot) if the workspace is assigned to a Premium capacity.

Incorrect:

Not C: If your organization is using the original version of Power BI Premium, you're required to migrate to the modern Premium Gen2 platform. Microsoft began migrating all Premium capacities to Gen2.

Reference: <https://docs.microsoft.com/en-us/power-bi/enterprise/service-premium-capacity-manage-gen2> <https://docs.microsoft.com/en-us/power-bi/admin/service-admin-manage-your-data-storage-in-power-bi>

NEW QUESTION 3

- (Exam Topic 3)

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. describe

Answer: D

Explanation:

The aggregating statistic can be calculated for multiple columns at the same time with the describe function. Example:

titanic[["Age", "Fare"]].describe() Out[6]:

Age Fare

count 714.000000 891.000000

mean 29.699118 32.204208

std 14.526497 49.693429

min 0.420000 0.000000

25% 20.125000 7.910400

50% 28.000000 14.454200

75% 38.000000 31.000000

max 80.000000 512.329200
Reference: https://pandas.pydata.org/docs/getting_started/intro_tutorials/06_calculate_statistics.html

NEW QUESTION 4

- (Exam Topic 3)

You have a Power BI tenant.

You plan to register the tenant in an Azure Purview account.

You need to ensure that you can scan the tenant by using Azure Purview.

Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. From the Microsoft 365 admin center, create a Microsoft 365 group.
- B. From the Power BI Admin center, set Allow live connections to Enabled.
- C. From the Power BI Admin center, set Allow service principals to use read-only Power BI admin APIs to Enabled.
- D. From the Azure Active Directory admin center, create a security group.
- E. From the Power BI Admin center, set Share content with external users to Enabled.

Answer: CD

Explanation:

Scan same-tenant Power BI using Azure IR and Managed Identity in public network. Make sure Power BI and Microsoft Purview accounts are in the same tenant. Make sure Power BI tenant Id is entered correctly during the registration.

From Azure portal, validate if Microsoft Purview account Network is set to public access.

From Power BI tenant Admin Portal, make sure Power BI tenant is configured to allow public network.

(D) In Azure Active Directory tenant, create a security group.

From Azure Active Directory tenant, make sure Microsoft Purview account MSI is member of the new security group.

On the Power BI Tenant Admin portal, validate if Allow service principals to use read-only Power BI admin APIs is enabled for the new security group.

Associate the security group with Power BI tenant Log into the Power BI admin portal.

Select the Tenant settings page.

(C) Select Admin API settings > Allow service principals to use read-only Power BI admin APIs (Preview). Select Specific security groups.

Select Admin API settings > Enhance admin APIs responses with detailed metadata > Enable the toggle to allow Microsoft Purview Data Map automatically discover the detailed metadata of Power BI datasets as part of its scans.

Reference: <https://docs.microsoft.com/en-us/azure/purview/register-scan-power-bi-tenant>

NEW QUESTION 5

- (Exam Topic 3)

You have a Power BI dataset. The dataset contains data that is updated frequently. You need to improve the performance of the dataset by using incremental refreshes.

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

Actions	Answer Area
Define the incremental refresh policy for the table.	
Enable query caching.	
Publish the model to the Power BI service.	
Create RangeStart and RangeEnd parameters.	
Use the Power BI REST API to post a message to /refreshes.	
Apply a custom Date/Time filter to the data.	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text, application, chat or text message Description automatically generated

Step 1: Create RangeStart and RangeEnd parameters. Create parameters

In this task, use Power Query Editor to create RangeStart and RangeEnd parameters with default values. The default values apply only when filtering the data to be loaded into the model in Power BI Desktop. The values you enter should include only a small amount of the most recent data from your data source. When published to the service, these values are overridden by the incremental refresh policy.

Step 2: Apply a custom Date/Time filter to the data. Filter data

With RangeStart and RangeEnd parameters defined, apply a filter based on conditions in the RangeStart and RangeEnd parameters.

Before continuing with this task, verify your source table has a date column of Date/Time data type. Step 3: Define the incremental refresh policy for the table.

Define policy

After you've defined RangeStart and RangeEnd parameters, and filtered data based on those parameters, you define an incremental refresh policy. The policy is applied only after the model is published to the service and a manual or scheduled refresh operation is performed.

Step 4: Publish the model to the Power BI service. Save and publish to the service

When your RangeStart and RangeEnd parameters, filtering, and refresh policy settings are complete, be sure to save your model, and then publish to the service.

Reference: <https://docs.microsoft.com/en-us/power-bi/connect-data/incremental-refresh-configure>

NEW QUESTION 6

- (Exam Topic 3)

You have a Power BI report that contains the table shown in the following exhibit.

Store ID	Store	Returns	
6	Leo	\$6,108	●
5	Fama	\$6,097	●
13	Contoso	\$5,214	●
11	Pomum	\$4,968	●
7	VanArsdel	\$4,964	●
10	Pirum	\$4,644	●
2	Aliqui	\$4,479	●
1	Abbas	\$4,070	●
8	Natura	\$3,376	●
14	Victoria	\$2,317	●
4	Salvus	\$2,296	●
12	Quibus	\$2,208	●
3	Barba	\$1,601	●
Total		\$52,342	

The table contains conditional formatting that shows which stores are above, near, or below the monthly quota for returns. You need to ensure that the table is accessible to consumers of reports who have color vision deficiency. What should you do?

- A. Add alt text to explain the information that each color conveys.
- B. Move the conditional formatting icons to a tooltip report.
- C. Change the icons to use a different shape for each color.
- D. Remove the icons and use red, yellow, and green background colors instead.

Answer: A

Explanation:

Report accessibility checklist, All Visuals.

- * Ensure alt text is added to all non-decorative visuals on the page.
- * Avoid using color as the only means of conveying information. Use text or icons to supplement or replace the color.
- * Check that your report page works for users with color vision deficiency.
- * Etc.

Reference: <https://docs.microsoft.com/en-us/power-bi/create-reports/desktop-accessibility-creating-reports>

NEW QUESTION 7

- (Exam Topic 3)

You have a Power BI report that contains one visual.

You need to provide users with the ability to change the visual type without affecting the view for other users. What should you do?

- A. From Report setting, select Personalize visuals.
- B. From Tabular Editor, create a new perspective.
- C. From the Bookmarks pane, select Focus mode, and then select Add.
- D. From Visual options in Report settings, select Use the modern visual header with updated styling options.

Answer: A

Explanation:

Enable personalization in a report

You can enable the feature either in Power BI Desktop or the Power BI service. You can also enable it in embedded reports.

To enable the feature in Power BI Desktop, go to File > Options and settings > Options > Current file > Report settings. Make sure Personalize visuals is turned on.

NEW QUESTION 8

- (Exam Topic 3)

You have a file named File1.txt that has the following characteristics:

- A header row
- Tab delimited values
- UNIX-style line endings

You need to read File1.txt by using an Azure Synapse Analytics serverless SQL pool. Which query should you execute?

- A.

```
SELECT*
FROM OPENROWSET (
    BULK 'file1.txt',
    DATA_SOURCE = 'Sql1',
    FORMAT = 'CSV', PARSER_VERSION = '2.0',
    FIELDTERMINATOR = '\t',
    ROWTERMINATOR = '0x0a',
    FIRSTROW= 2
)
```
- B.

```
SELECT*
FROM OPENROWSET (
    BULK 'file1.txt',
    DATA_SOURCE = 'Sql1',
    FORMAT = 'CSV', PARSER_VERSION = '2.0',
    FIELDTERMINATOR = ',',
    ROWTERMINATOR = '\n',
    FIRSTROW= 2
)
```
- C.

```
SELECT*
FROM OPENROWSET (
    BULK 'file1.txt',
    DATA_SOURCE = 'Sql1',
    FORMAT = 'CSV', PARSER_VERSION = '2.0',
    FIELDTERMINATOR = ',',
    ROWTERMINATOR = '0x0a',
    FIRSTROW= 2
)
```
- D.

```
SELECT*
FROM OPENROWSET (
    BULK 'file1.txt',
    DATA_SOURCE = 'Sql1',
    FORMAT = 'CSV', PARSER_VERSION = '2.0',
    FIELDTERMINATOR = '\t',
    ROWTERMINATOR = '0x0a',
    FIRSTROW= 1
)
```

- A. Option A
 B. Option B
 C. Option C
 D. Option D

Answer: A

Explanation:

Use FIELDTERMINATOR = '\t' for tab.

Use ROWTERMINATOR = '\0x0A ' for UNIX-style line endings Use FIRSTROW= 2 for a header row

Note: Using Row Terminators

The row terminator can be the same character as the terminator for the last field. Generally, however, a distinct row terminator is useful. For example, to produce tabular output, terminate the last field in each row with the newline character (\n) and all other fields with the tab character (\t).

If you want to output a line feed character only (LF) as the row terminator - as is typical on Unix and Linux computers - use hexadecimal notation to specify the LF row terminator. For example:

bcp -r '0x0A' FIRSTROW

FIRSTROW =first_row Specifies the number of the first row to load. The default is 1. This indicates the first row in the specified data file. The row numbers are determined by counting the row terminators. FIRSTROW is 1-based.

Reference:

<https://docs.microsoft.com/en-us/sql/relational-databases/import-export/specify-field-and-row-terminators-sql-se>

<https://docs.microsoft.com/en-us/sql/t-sql/functions/openrowset-transact-sql>

NEW QUESTION 9

- (Exam Topic 3)

You discover a poorly performing measure in a Power BI data model.

You need to review the query plan to analyze the amount of time spent in the storage engine and the formula engine.

What should you use?

- A. Tabular Editor
 B. Performance analyzer in Power BI Desktop
 C. Vertipaq Analyzer
 D. DAX Studio

Answer: B

Explanation:

Monitor report performance in Power BI Desktop using the Performance Analyzer. Monitoring will help you learn where the bottlenecks are, and how you can improve report performance.

Monitoring performance is relevant in the following situations: Your Import data model refresh is slow. Your DirectQuery or Live Connection reports are slow. Your model calculations are slow.

Slow queries or report visuals should be a focal point of continued optimization.

Reference: <https://docs.microsoft.com/en-us/power-bi/guidance/monitor-report-performance>

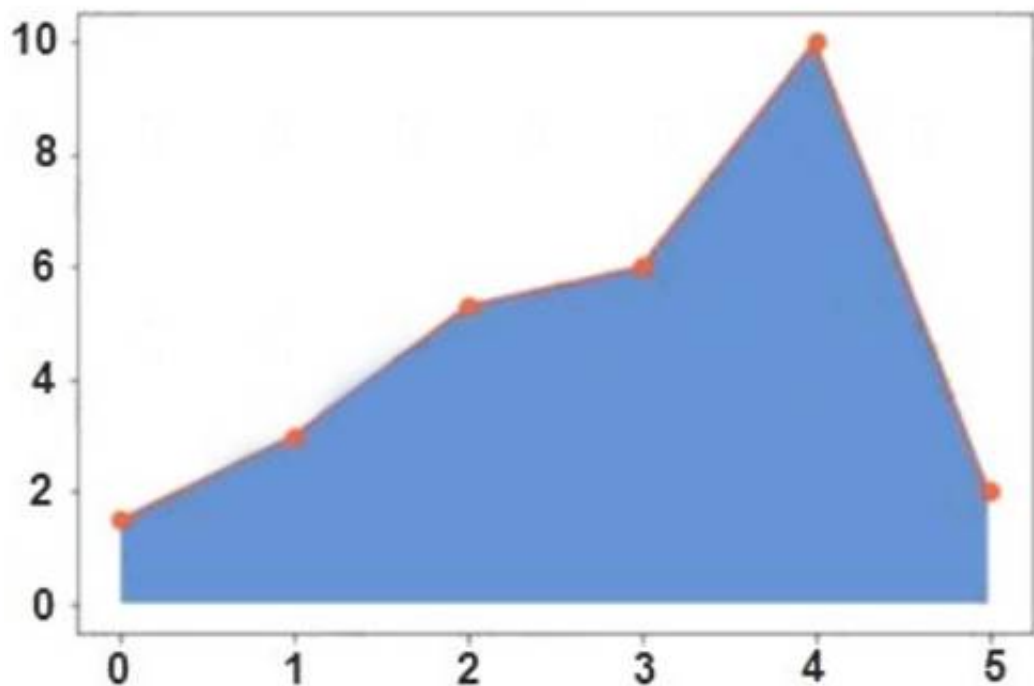
NEW QUESTION 10

- (Exam Topic 3)

You have an Azure Synapse notebook.

You need to create the visual shown in the following exhibit.

chart 1



How should you complete the code? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

```
import matplotlib.pyplot as plt
x = [0, 1, 2, 3, 4, 5]
y = [1.5, 3, 5.3, 6, 10, 2]
plt.plot(x, y, '-o', color='red')
plt. (x, y)
plt. ('chart 1', fontweight='bold')
plt.show()
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: fill_between

atplotlib.pyplot.fill_between fills the area between two horizontal curves.

The curves are defined by the points (x, y1) and (x, y2). This creates one or multiple polygons describing the filled area.

Box 2: subtitle

Set the title of the visual.

subtitle adds a centred title to the figure. Reference:

https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.fill_between.html#matplotlib.pyplot.fill_between

https://matplotlib.org/3.1.1/api/_as_gen/matplotlib.pyplot.subtitle.html#matplotlib.pyplot.subtitle

NEW QUESTION 10

- (Exam Topic 3)

You need to recommend an automated solution to monitor Power BI user activity. The solution must meet the following requirements:

- Security admins must identify when users export reports from Power BI within five days of a new sensitivity label being applied to the artifacts in Power BI.
- Power BI admins must identify updates or changes to the Power BI capacity.
- The principle of least privilege must be used.

Which log should you include in the recommendation for each group? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Security admins:

- the Azure Activity log
- the Power BI activity log
- the unified audit log in Microsoft 365

Power BI admins:

- the Azure Activity log
- the Power BI activity log
- the unified audit log in Microsoft 365

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Box 1: the unified audit log in Microsoft 365

Security admins must identify when users export reports from Power BI within five days of a new sensitivity label being applied to the artifacts in Power BI.

Use the audit log

If your task is to track user activities across Power BI and Microsoft 365, you work with auditing in Microsoft 365 compliance or use PowerShell. Auditing relies on functionality in Exchange Online, which automatically supports Power BI.

You can filter the audit data by date range, user, dashboard, report, dataset, and activity type. You can also download the activities in a csv (comma-separated value) file to analyze offline.

Box 2: Power BI activity log

Power BI admins must identify updates or changes to the Power BI capacity. Use the activity log

Power BI administrators can analyze usage for all Power BI resources at the tenant level by using custom reports that are based on the Power BI activity log.

Reference: <https://docs.microsoft.com/en-us/power-bi/admin/service-admin-auditing>

NEW QUESTION 14

- (Exam Topic 3)

You have an Azure Synapse Analytics dedicated SQL pool.

You need to ensure that the SQL pool is scanned by Azure Purview. What should you do first?

- A. Register a data source.
B. Search the data catalog.
C. Create a data share connection.
D. Create a data policy.

Answer: B

NEW QUESTION 16

- (Exam Topic 3)

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 are using an Azure Synapse Analytics serverless SQL pool to query a collection of Apache Parquet files by using automatic schema inference. The files contain more than 40 million rows of UTF-8-encoded business names, survey names, and participant counts. The database is configured to use the default collation.

The queries use open row set and infer the schema shown in the following table.

name	system_type_name	max_length
businessName	varchar(8000)	8000
surveyName	varchar(8000)	8000
participants	int	4

You need to recommend changes to the queries to reduce I/O reads and tempdb usage.

Solution: You recommend using openrowset with to explicitly define the collation for businessName and surveyName as Latin1_Generai_100_BiN2_UTF8.

Does this meet the goal?

- A. Yes
B. No

Answer: A

Explanation:

Query Parquet files using serverless SQL pool in Azure Synapse Analytics. Important

Ensure you are using a UTF-8 database collation (for example Latin1_General_100_BIN2_UTF8) because string values in PARQUET files are encoded using UTF-8 encoding. A mismatch between the text encoding in the PARQUET file and the collation may cause unexpected conversion errors. You can easily change the default collation of the current database using the following T-SQL statement: alter database current collate Latin1_General_100_BIN2_UTF8'.

Note: If you use the Latin1_General_100_BIN2_UTF8 collation you will get an additional performance boost compared to the other collations. The Latin1_General_100_BIN2_UTF8 collation is compatible with parquet string sorting rules. The SQL pool is able to eliminate some parts of the parquet files that will not contain data needed in the queries (file/column-segment pruning). If you use other collations, all data from the parquet files will be loaded into Synapse SQL and the filtering is happening within the SQL process. The Latin1_General_100_BIN2_UTF8 collation has additional performance optimization that works only for

parquet and CosmosDB. The downside is that you lose fine-grained comparison rules like case insensitivity.
Reference: <https://docs.microsoft.com/en-us/azure/synapse-analytics/sql/query-parquet-files>

NEW QUESTION 20

- (Exam Topic 3)

You have two Power BI reports named Report1 and Report2.

Report1 connects to a shared dataset named Dataset1.

Report2 connects to a local dataset that has the same structure as Dataset1. Report2 contains several calculated tables and parameters.

You need to prepare Report2 to use Dataset1.

Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Remove the data source permissions.
- B. Delete all the Power Query Editor objects.
- C. Modify the source of each query.
- D. Update all the parameter values.
- E. Delete all the calculated tables.

Answer: CD

Explanation:

C: Power BI Desktop also comes with Power Query Editor. Use Power Query Editor to connect to one or many data sources, shape and transform the data to meet your needs, then load that model into Power BI Desktop.

D: Common uses for parameters

Here are some of the most common ways to use parameters. Control paginated report data

* Filter paginated report data at the data source by writing dataset queries that contain variables.

* Etc.

Reference: <https://docs.microsoft.com/en-us/power-bi/transform-model/desktop-query-overview> <https://docs.microsoft.com/en-us/learn/modules/dax-power-bi-add-calculated-tables/1-introduction>

NEW QUESTION 23

- (Exam Topic 3)

You are attempting to configure certification for a Power BI dataset and discover that the certification setting for the dataset is unavailable.

What are two possible causes of the issue? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. The workspace is in shared capacity.
- B. You have insufficient permissions.
- C. Dataset certification is disabled for the Power BI tenant.
- D. The sensitivity level for the dataset is set to Highly Confidential.
- E. Row-level security (RLS) is missing from the dataset.

Answer: BC

Explanation:

Reference: <https://docs.microsoft.com/en-us/power-bi/admin/service-admin-setup-certification> <https://docs.microsoft.com/en-us/power-bi/collaborate-share/service-endorse-content>

NEW QUESTION 28

- (Exam Topic 3)

You are creating an external table by using an Apache Spark pool in Azure Synapse Analytics. The table will contain more than 20 million rows partitioned by date. The table will be shared with the SQL engines.

You need to minimize how long it takes for a serverless SQL pool to execute a query data against the table. In which file format should you recommend storing the table data?

- A. JSON
- B. Apache Parquet
- C. CSV
- D. Delta

Answer: B

Explanation:

Prepare files for querying

If possible, you can prepare files for better performance:

* Convert large CSV and JSON files to Parquet. Parquet is a columnar format. Because it's compressed, its file sizes are smaller than CSV or JSON files that contain the same data. Serverless SQL pool skips the columns and rows that aren't needed in a query if you're reading Parquet files. Serverless SQL pool needs less time and fewer storage requests to read it.

Reference: <https://docs.microsoft.com/en-us/azure/synapse-analytics/sql/best-practices-serverless-sql-pool> <https://stackoverflow.com/questions/65320949/parquet-vs-delta-format-in-azure-data-lake-gen-2-store>

NEW QUESTION 32

- (Exam Topic 3)

You are using DAX Studio to analyze a slow-running report query. You need to identify inefficient join operations in the query. What should you review?

- A. the query statistics
- B. the query plan
- C. the query history
- D. the server timings

Answer: B

Explanation:

Open DAX Studio.

Paste the query there, enable Query Plan display and Server Timings, run your query (with clear cache), and then study the query plan for large row counts. Once the culprit is identified you can decide how to rewrite your DAX to make that part faster.

Reference: <https://community.powerbi.com/t5/Power-Query/DAX-Query-taking-longer-time/td-p/1171961> <https://www.sqlbi.com/wp-content/uploads/DAX-Query-Plans.pdf>

NEW QUESTION 36

- (Exam Topic 3)

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. corr
- C. summary
- D. rollup

Answer: B

Explanation:

pandas.DataFrame.corr computes pairwise correlation of columns, excluding NA/null values. Incorrect:

* freqItems pyspark.sql.DataFrame.freqItems

Finding frequent items for columns, possibly with false positives. Using the frequent element count algorithm described in <https://doi.org/10.1145/762471.762473>, proposed by Karp, Schenker, and Papadimitriou.'

* summary is used for index.

* There is no panda method for rollup. Rollup would not be correct anyway. Reference: <https://pandas.pydata.org/docs/reference/api/pandas.DataFrame.corr.html>

NEW QUESTION 39

- (Exam Topic 3)

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

Answer: D

Explanation:

Notify contacts

If you've made a change to a dataset or are thinking about making a change, you might want to contact the relevant users to tell them about it. When you notify contacts, an email is sent to the contact lists of all the impacted workspaces. Your name appears on the email so the contacts can find you and reply back in a new email thread.

Reference: <https://docs.microsoft.com/en-us/power-bi/collaborate-share/service-dataset-impact-analysis>

NEW QUESTION 44

- (Exam Topic 3)

You are creating a Power BI single-page report.

Some users will navigate the report by using a keyboard, and some users will navigate the report by using a screen reader.

You need to ensure that the users can consume content on a report page in a logical order. What should you configure on the report page?

- A. the bookmark order
- B. the X position
- C. the layer order
- D. the tab order

Answer: D

Explanation:

Tab order is the order in which users interact with the items on a page using the keyboard. Generally, we want tab order to be predictable and to closely match the visual order on the page (unless there is a good reason to deviate).

Note: If you are using the keyboard to navigate in a Power BI report, the order in which you arrive at visuals will not follow your vision unless you set the new tab order property. If you have low or no vision, this becomes an even bigger issue because you may not be able to see that you are navigating visuals out of visual order because the screen reader just reads whatever comes next.

Reference: <https://datasavvy.me/2018/12/26/tab-order-enhances-power-bi-report-accessibility/>

NEW QUESTION 46

- (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 have a Power BI dataset named Dataset1.

In Dataset1, you currently have 50 measures that use the same time intelligence logic. You need to reduce the number of measures, while maintaining the current functionality. Solution: From Power BI Desktop, you group the measures in a display folder.

Does this meet the goal?

- A. Yes

B. No

Answer: B

Explanation:

Solution: From DAX Studio, you write a query that uses grouping sets.

A grouping is a set of discrete values that are used to group measure fields. Reference: <https://docs.microsoft.com/en-us/power-bi/developer/visuals/capabilities>

NEW QUESTION 48

- (Exam Topic 3)

You have a Power BI Premium capacity.

You need to increase the number of virtual cores associated to the capacity. Which role do you need?

- A. Power BI workspace admin
- B. capacity admin
- C. Power Platform admin
- D. Power BI admin

Answer: D

Explanation:

Change capacity size

Power BI admins and global administrators can change Power BI Premium capacity. Capacity admins who are not a Power BI admin or global administrator don't have this option.

Reference: <https://docs.microsoft.com/en-us/power-bi/enterprise/service-admin-premium-manage>

NEW QUESTION 52

- (Exam Topic 3)

Your company is migrating its current, custom-built reporting solution to Power BI. The Power BI tenant must support the following scenarios:

- 40 reports that will be embedded in external websites. The websites control their own security. The reports will be consumed by 50 users monthly.
- Forty-five users that require access to the workspaces and apps in the Power BI Admin portal. Ten of the users must publish and consume datasets that are larger than 1 GB.
- Ten developers that require Text Analytics transformations and paginated reports for datasets. An additional 15 users will consume the reports.

You need to recommend a licensing solution for the company. The solution must minimize costs.

Which two Power BI license options should you include in the recommendation? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. 70 Premium per user
- B. one Premium
- C. 70 Pro
- D. one Embedded
- E. 35 Pro
- F. 35 Premium per user

Answer: BF

Explanation:

B:

Free - 40 reports that will be embedded in external websites. The websites control their own security. Free - The reports will be consumed by 50 users monthly.

Free + 1 Premium for the Worspace -Forty-five users that require access to the workspaces and apps in the Power BI Admin portal.

F: Ten of the users must publish and consume datasets that are larger than 1 GB.

Ten developers that require Text Analytics transformations and paginated reports for datasets. An additional 15 users will consume the reports.

Power BI Premium per user features and capabilities

* Pixel perfect paginated reports are available for operational reporting capabilities based on SSRS technology. Users can create highly formatted reports in various formats such as PDF and PPT, which are embeddable in applications and are designed to be printed or shared.

Note: There are three kinds of Power BI per-user licenses: Free, Pro, and Premium Per User. Power BI (free): Access to content in My Workspace

Power BI (free) + Workspace is Premium: Consume content shared with them

Power BI Pro: Publish content to other workspaces, share dashboards, subscribe to dashboards and reports, share with users who have a Pro license

Power BI Pro + Workspace is Premium: Distribute content to users who have free licenses

Power BI Premium Per User: Publish content to other workspaces, share dashboards, subscribe to dashboards and reports, share with users who have a Premium Per User license

Power BI Premium Per User + Workspace is Premium: Distribute content to users who have free and Pro licenses

Reference: <https://docs.microsoft.com/en-us/power-bi/fundamentals/service-features-license-type>

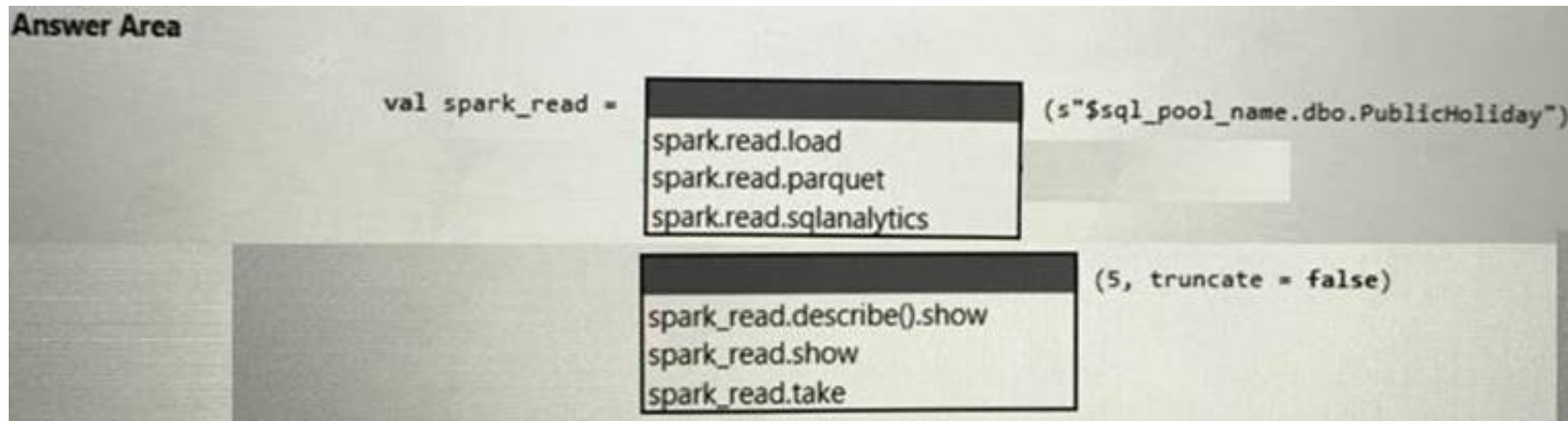
NEW QUESTION 55

- (Exam Topic 3)

You have an Azure Synapse workspace named Workspace1.

You need to use PySpark in a notebook to read data from a SQL pool as an Apache Spark DataFrame and display the top five

How should you complete the code? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.



- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text, application Description automatically generated

Box 1: sqlanalytics

Read from a SQL Pool table with Spark

// Read the table we just created in the sql pool as a Spark dataframe val spark_read = spark.read. sqlanalytics(s"\$sql_pool_name.dbo.PublicHoliday")

spark_read.show(5, truncate = false)

Box 2: spark_read.show Sample output:

Graphical user interface, text, application, email Description automatically generated

```
spark_read: org.apache.spark.sql.DataFrame = [countryOrRegion: string, holidayName: string ... 3 more fields]
+-----+-----+-----+-----+-----+
|countryOrRegion|holidayName|normalizeHolidayName|isPaidTimeOff|countryRegionCode|
+-----+-----+-----+-----+-----+
|Czech|Den české státnosti|Den české státnosti|null|CZ|
|Norway|Søndag|Søndag|null|NO|
|Sweden|Søndag|Søndag|null|SE|
|India|Gandhi Jayanti|Gandhi Jayanti|true|IN|
|Germany|Tag der Deutschen Einheit|Tag der Deutschen Einheit|null|DE|
+-----+-----+-----+-----+-----+
only showing top 5 rows
```

Reference:

https://github.com/Azure-Samples/Synapse/blob/main/Notebooks/Scala/03%20Read%20and%20write%20from

NEW QUESTION 60

- (Exam Topic 3)

You use Azure Synapse Analytics and Apache Spark notebooks to You need to use PySpark to gain access to the visual libraries. Which Python libraries should you use?

- A. Seaborn only
B. Matplotlib and Seaborn
C. Matplotlib only
D. Matplotlib and TensorFlow
E. TensorFlow only
F. Seaborn and TensorFlow

Answer: B

Explanation:

Matplotlib

You can render standard plotting libraries, like Matplotlib, using the built-in rendering functions for each library.

Matplotlib is a plotting library for the Python programming language and its numerical mathematics extension NumPy.

Additional libraries

Beyond these libraries, the Azure Synapse Analytics Runtime also includes the following set of libraries that are often used for data visualization:

Seaborn

Seaborn is a Python data visualization library based on matplotlib. It provides a high-level interface for drawing attractive and informative statistical graphics.

Reference: https://docs.microsoft.com/en-us/azure/synapse-analytics/spark/apache-spark-data-visualization https://seaborn.pydata.org/

NEW QUESTION 63

- (Exam Topic 3)

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 are using an Azure Synapse Analytics serverless SQL pool to query a collection of Apache Parquet files by using automatic schema inference. The files contain more than 40 million rows of UTF-8-encoded business names, survey names, and participant counts. The database is configured to use the default collation.

The queries use open row set and infer the schema shown in the following table.

name	system_type_name	max_length
businessName	varchar(8000)	8000
surveyName	varchar(8000)	8000
participants	int	4

You need to recommend changes to the queries to reduce I/O reads and tempdb usage.

Solution: You recommend defining a data source and view for the Parquet files. You recommend updating the query to use the view.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Solution: You recommend using OPENROWSET WITH to explicitly specify the maximum length for businessName and surveyName.

The size of the varchar(8000) columns are too big. Better reduce their size.

A SELECT...FROM OPENROWSET(BULK...) statement queries the data in a file directly, without importing the data into a table. SELECT...FROM

OPENROWSET(BULK...) statements can also list bulk-column aliases by using a format file to specify column names, and also data types.

Reference: <https://docs.microsoft.com/en-us/sql/t-sql/functions/openrowset-transact-sql>

NEW QUESTION 66

- (Exam Topic 3)

You use an Apache Spark notebook in Azure Synapse Analytics to filter and transform data. You need to review statistics for a DataFrame that includes:

The column name The column type

The number of distinct values

Whether the column has missing values Which function should you use?

- A. displayHTML()
- B. display(df, summary=true)
- C. %%configure
- D. display(df)
- E. %%lsmagic

Answer: B

Explanation:

display(df) statistic details

You can use display(df, summary = true) to check the statistics summary of a given Apache Spark DataFrame that include the column name, column type, unique values, and missing values for each column. You can also select on specific column to see its minimum value, maximum value, mean value and standard deviation.

Reference: <https://docs.microsoft.com/en-us/azure/synapse-analytics/spark/apache-spark-data-visualization>

NEW QUESTION 70

- (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 have a Power BI dataset named Dataset1.

In Dataset1, you currently have 50 measures that use the same time intelligence logic. You need to reduce the number of measures, while maintaining the current functionality. Solution: From Tabular Editor, you create a calculation group.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Solution: From DAX Studio, you write a query that uses grouping sets.

A grouping is a set of discrete values that are used to group measure fields. Reference: <https://docs.microsoft.com/en-us/power-bi/developer/visuals/capabilities>

NEW QUESTION 74

- (Exam Topic 3)

You are using GitHub as a source control solution for an Azure Synapse Studio workspace. You need to modify the source control solution to use an Azure DevOps Git repository. What should you do first?

- A. Disconnect from the GitHub repository.
- B. Create a new pull request.
- C. Change the workspace to live mode.
- D. Change the active branch.

Answer: A

Explanation:

By default, Synapse Studio authors directly against the Synapse service. If you have a need for collaboration using Git for source control, Synapse Studio allows you to associate your workspace with a Git repository, Azure DevOps, or GitHub.

Prerequisites

Users must have the Azure Contributor (Azure RBAC) or higher role on the Synapse workspace to configure, edit settings and disconnect a Git repository with Synapse.

Reference: <https://docs.microsoft.com/en-us/azure/synapse-analytics/cicd/source-control>

NEW QUESTION 77

- (Exam Topic 3)

You have a Power BI dataset that contains the following measure.

```
YTD Year-over-Year Var =
DIVIDE (
    (
        [Sales Amount]
        - CALCULATE (
            [Sales],
            SAMEPERIODLASTYEAR ( 'Calendar'[Date] ),
            'Calendar'[Flag] = "YTD"
        )
    ),
    CALCULATE (
        [Sales],
        SAMEPERIODLASTYEAR ( 'Calendar'[Date] ),
        'Calendar'[Flag] = "YTD"
    ),
    BLANK()
)
```

You need to improve the performance of the measure without affecting the logic or the results. What should you do?

- A. Replace both calculate functions by using a variable that contains the calculate function.
- B. Remove the alternative result of blank() from the divide function.
- C. Create a variable and replace the values for [sales Amount].
- D. Remove "calendar"[Flag] = "YTD" from the code.

Answer: A

NEW QUESTION 78

- (Exam Topic 3)

You have a kiosk that displays a Power BI report page. The report uses a dataset that uses Import storage mode. You need to ensure that the report page updates all the visuals every 30 minutes. Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Enable Power BI embedded.
- B. Configure the data sources to use DirectQuery.
- C. Configure the data sources to use a streaming dataset
- D. Select Auto page refresh.
- E. Enable the XMIA endpoint.
- F. Add a Microsoft Power Automate visual to the report page.

Answer: BD

Explanation:

Automatic page refresh in Power BI enables your active report page to query for new data, at a predefined cadence, for DirectQuery sources.

Automatic page refresh is available for DirectQuery sources and some LiveConnect scenarios, so it will only be available when you are connected to a supported data source. This restriction applies to both automatic page refresh types.

Reference: <https://docs.microsoft.com/en-us/power-bi/create-reports/desktop-automatic-page-refresh>

NEW QUESTION 82

- (Exam Topic 3)

You have the following Python code in an Apache Spark notebook.

```
import matplotlib.pyplot as plt
import numpy as np
ys = 300 + np.random.randn(100)
x = [x for x in range(len(ys))]
plt.plot(x, ys, '-')
plt.fill_between(x, ys, 395, where=(ys > 395), facecolor='g', alpha=0.5)
plt.title("Chart Sample")
plt.show()
```

Which type of chart will the code produce?

- A. a stacked bar chart
- B. a pie chart
- C. a bar chart
- D. an area chart

Answer: D

Explanation:

The matplotlib.pyplot.fill_between function fills the area between two horizontal curves.

The curves are defined by the points (x, y1) and (x, y2). This creates one or multiple polygons describing the filled area.

Reference: https://matplotlib.org/3.5.0/api/_as_gen/matplotlib.pyplot.fill_between.html

NEW QUESTION 83

- (Exam Topic 3)

You are optimizing a dataflow in a Power BI Premium capacity. The dataflow performs multiple joins. You need to reduce the load time of the dataflow.

Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Reduce the memory assigned to the dataflows.
- B. Execute non-foldable operations before foldable operations.
- C. Execute foldable operations before non-foldable operations.
- D. Place the ingestion operations and transformation operations in a single dataflow.
- E. Place the ingestion operations and transformation operations in separate dataflows.

Answer: CE

Explanation:

Using the compute engine to improve performance

Take the following steps to enable workloads trigger the compute engine, and always improve performance: For computed and linked entities in the same workspace:

Ensure you perform the operations that fold, such as merges, joins, conversion, and others.

For ingestion focus on getting the data into the storage as fast as possible, using filters only if they reduce the overall dataset size. It's best practice to keep your transformation logic separate from this step, and allow the engine to focus on the initial gathering of ingredients. Next, separate your transformation and business logic into a separate dataflow in the same workspace, using linked or computed entities; doing so allows for the engine to activate and accelerate your computations. In our analogy, it's like food preparation in the kitchen: food preparation is typically a separate and distinct step from gathering your raw ingredients, and a pre-requisite for putting the food in the oven. Similarly, your logic needs to be prepared separately before it can take advantage of the compute engine.

Reference:

<https://docs.microsoft.com/en-us/power-bi/transform-model/dataflows/dataflows-premium-workload-configurati>

NEW QUESTION 84

- (Exam Topic 3)

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

Answer: A

Explanation:

Announcing Power BI Premium Per User general availability and autoscale preview for Gen2. Power BI Premium per user features and capabilities

* Pixel perfect paginated reports are available for operational reporting capabilities based on SSRS technology. Users can create highly formatted reports in various formats such as PDF and PPT, which are embeddable in applications and are designed to be printed or shared.

* Automated machine learning (AutoML) in Power BI enables business users to build ML models to predict outcomes without having to write any code.

* Etc. Note:

Power BI empowers every business user and business analyst to get amazing insights with AI infused experiences. With Power BI Premium, we enable business analysts to not only analyze and visualize their data, but to also build an end-to-end data platform through drag and drop experiences. Everything from ingesting and transforming data at scale, to building automated machine learning models, and analyzing massive volumes of data is now possible for our millions of business analysts.

Reference:

<https://powerbi.microsoft.com/nl-be/blog/announcing-power-bi-premium-per-user-general-availability-and-auto>

NEW QUESTION 86

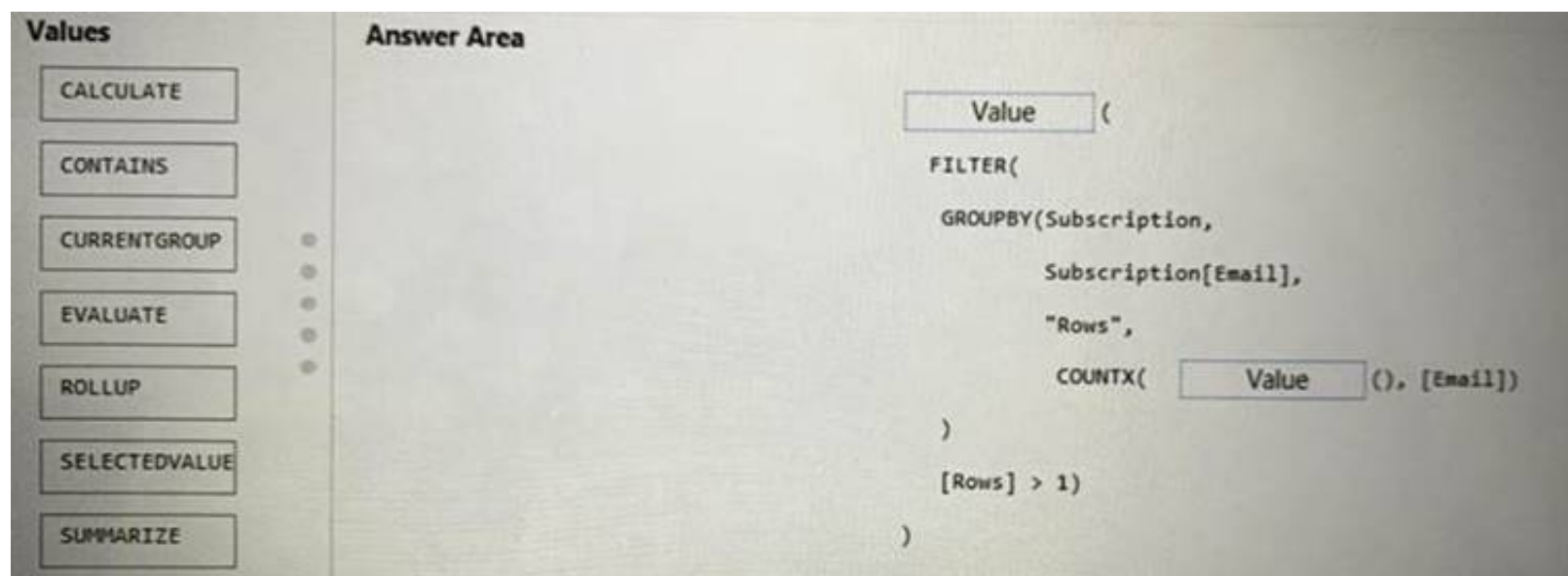
- (Exam Topic 3)

You are using DAX Studio to query an XMLA endpoint.

You need to identify the duplicate values in a column named Email in a table named Subscription.

How should you complete the DAX expression? To answer, drag the appropriate values to the targets. Each value may be used once, more than once. may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: CALCULATE

Box 2: CURRENTGROUP

CURRENTGROUP returns a set of rows from the table argument of a GROUPBY expression that belong to the current row of the GROUPBY result.

Remarks

This function can only be used within a GROUPBY expression.

This function takes no arguments and is only supported as the first argument to one of the following aggregation functions: AVERAGEX, COUNTAX, COUNTX, GEOMEANX, MAXX, MINX, PRODUCTX, STDEVX.S, STDEVX.P, SUMX, VARX.S, VARX.P.

Note: COUNTX counts the number of rows that contain a non-blank value or an expression that evaluates to a non-blank value, when evaluating an expression over a table.

Reference: <https://docs.microsoft.com/en-us/dax/currentgroup-function-dax>

NEW QUESTION 90

- (Exam Topic 3)

You are creating a Python visual in Power BI Desktop.

You need to retrieve the value of a column named Unit Price from a DataFrame. How should you reference the Unit Price column in the Python code?

- A. pandas.DataFrame('Unit Price')
- B. dataset['Unit Price']
- C. data = [Unit Price]
- D. ('Unit Price')

Answer: A

Explanation:

You can retrieve a column in a pandas DataFrame object by using the DataFrame object name, followed by the label of the column name in brackets.

So if the DataFrame object name is dataframe1 and the column we are trying to retrieve the 'X' column, then we retrieve the column using the statement, dataframe1['X'].

Here's a simple Python script that imports pandas and uses a data frame: import pandas as pd

data = [['Alex',10],['Bob',12],['Clarke',13]]

df = pd.DataFrame(data,columns=['Name','Age'],dtype=float) print (df)

When run, this script returns: Name Age

0 Alex 10.0

1 Bob 12.0

2 Clarke 13.0 Reference:

<http://www.learningaboutelectronics.com/Articles/How-to-retrieve-a-column-from-a-pandas-dataframe-object-i>

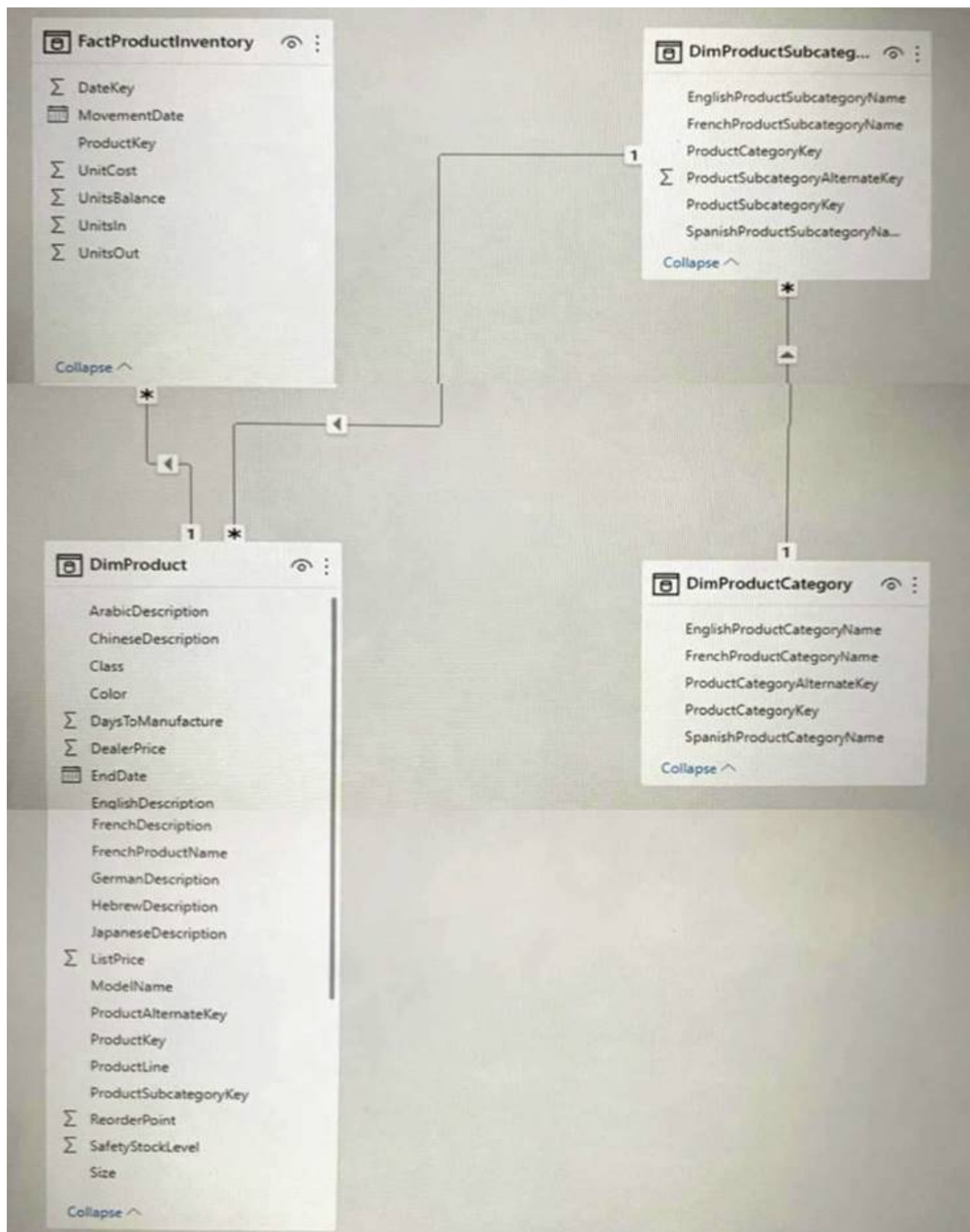
NEW QUESTION 94

- (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 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 denormalizing the data model. Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

Denormalize For Performance.

Even though it might mean storing a bit of redundant data, schema denormalization can sometimes provide better query performance. The only question then becomes is the extra space used worth the performance benefit.

Reference: <https://www.mssqltips.com/sqlservertutorial/3211/denormalize-for-performance/>

NEW QUESTION 97

- (Exam Topic 3)

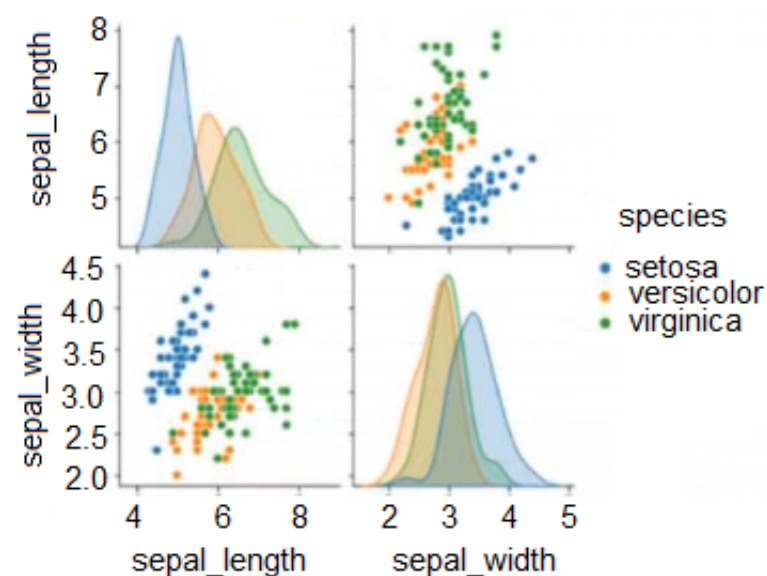
You are using an Azure Synapse notebook to create a Python visual. You run the following code cell to import a dataset named Iris.

```
iris = sns.load_dataset("iris")
iris.head()
```

A sample of the data is shown in the following table.

index	sepal_length	sepal_width	species
0	5.1	3.5	setosa
2	4.9	3	setosa
145	6.7	3	virginica
156	6.3	2.5	virginica

You need to create the visual shown in the exhibit. (Click the Exhibit tab.)



How should you complete the Python code? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

```
sns. ▼ (iris, hue= '▼', height=2.5)

boxplot  
implot  
pairplot  
replot

plt.show()
```

- A. Mastered
 B. Not Mastered

Answer: A

Explanation:

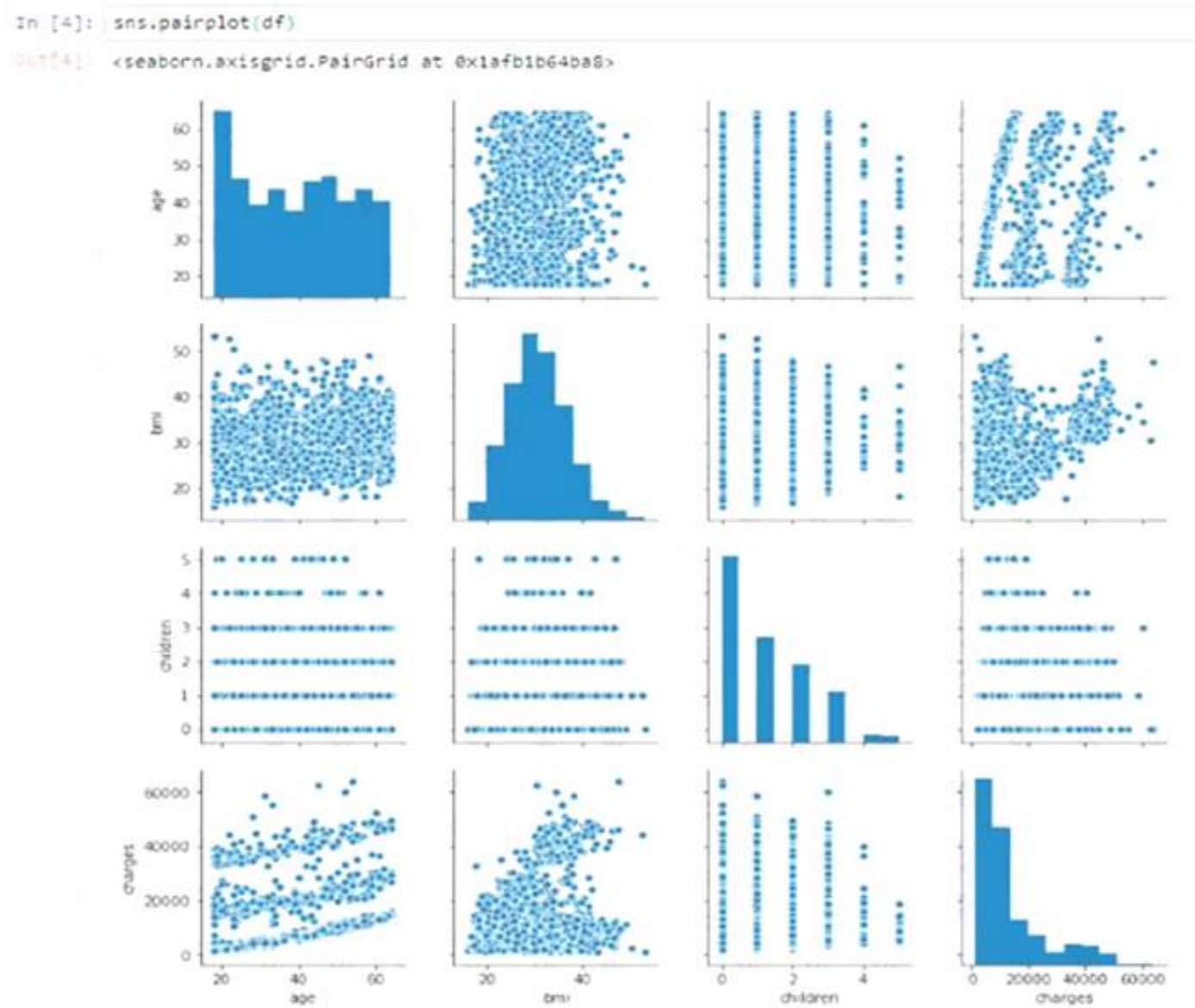
Box 1: pairplot

A pairs plot allows us to see both distribution of single variables and relationships between two variables. Pair plots are a great method to identify trends for follow-up analysis and, fortunately, are easily implemented in Python!

Example, let's plot data using pairplot:

From the picture below, we can observe the variations in each plot. The plots are in matrix format where the row name represents x axis and column name represents the y axis. The main-diagonal subplots are the univariate histograms (distributions) for each attribute.

A picture containing diagram Description automatically generated



Box 2: sepal_width
sepal_width is displayed with a height of 2.5 (between 2.0 and 4.5).
Reference: <https://medium.com/analytics-vidhya/pairplot-visualization-16325cd725e6>

NEW QUESTION 101

- (Exam Topic 3)

You use Advanced Editor in Power Query Editor to edit a query that references two tables named Sales and Commission. A sample of the data in the Sales table is shown in the following table.

OrderID	SalesPerson	Amount
101	Tom	199.99
103	Eileen	279.99
108	Enrique	333.42

A sample of the data in the Commission table is shown in the following table.

Person	Commission
Tom	0.04
Eileen	0.05

You need to merge the tables by using Power Query Editor without losing any rows in the Sales table. How should you complete the query? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

Combined = Table. (Sale, "SalesPerson", Commission, "Name", JoinKind.),

Combine
InsertRows
Join
TransformRow

LeftAnti
LeftOuter
RightAnti
RightOuter

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Join

Box 2: LeftOuter Left outer join

One of the join kinds available in the Merge dialog box in Power Query is a left outer join, which keeps all the rows from the left table and brings in any matching rows from the right table.

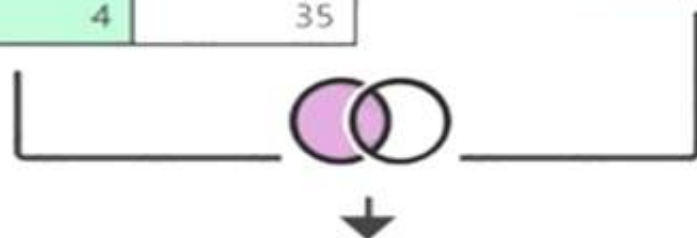
Diagram, table Description automatically generated

Left Table

Date	CountryID	Units
1/1/2020	1	40
1/2/2020	1	25
1/3/2020	3	30
1/4/2020	4	35

Right Table

ID	Country
1	USA
2	Canada
3	Panama



Merged Table

Date	CountryID	Units	Country
1/1/2020	1	40	USA
1/2/2020	1	25	USA
1/3/2020	3	30	Panama
1/4/2020	4	35	null

Reference: <https://docs.microsoft.com/en-us/power-query/merge-queries-left-outer>

NEW QUESTION 105

- (Exam Topic 3)

You have a Power BI dataset named Dataset1 that uses DirectQuery against an Azure SQL database named DB1. DB1 is a transactional database in the third normal form.

You need to recommend a solution to minimize how long it takes to execute the query. The solution must maintain the current functionality. What should you include in the recommendation?

- A. Create calculated columns in Dataset1.
- B. Remove the relationships from Dataset1.
- C. Normalize the tables in DB1.
- D. Denormalize the tables in DB1.

Answer: D

Explanation:

Denormalize to improve query performance.

Note: Normalization prevents data duplications, preserves disk space, and improves the performance of the disk I/O operations. The downside of the normalization is that the queries based on these normalized tables require more table joins.

Schema denormalization (i.e. consolidation of some dimension tables) for such databases can significantly reduce costs of the analytical queries and improve the performance.

Reference:

<https://www.mssqltips.com/sqlservertip/7114/denormalization-dimensions-synapse-mapping-data-flow/>

NEW QUESTION 108

- (Exam Topic 2)

You need to build a Transact-SQL query to implement the planned changes for the internal users.

How should you complete the Transact-SQL query? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

```
DECLARE @model varbinary(max) = (
    SELECT native_model_object
    FROM ml_models
    WHERE model_name = 'rxLinMod'
    AND model_version = 'v1');
SELECT d.*, p.*
FROM [ ] (MODEL = @model, DATA = dbo.rx_linMod as lm)
```

EVALUATE
PIVOT
PREDICT
SCORE

```
go [ ] (model_outcome float, trade_volume float, price_Pred float) as p;
```

AS
CONTAINS
FROM
GROUP BY
WITH

A. Mastered

B. Not Mastered

Answer: A

Explanation:

Box 1: PREDICT

Provide internal users with the ability to incorporate machine learning models loaded to the dedicated SQL pool.

The example below shows a sample query using prediction function. An additional column with name Score and data type float is created containing the prediction results. All the input data columns as well as output prediction columns are available to display with the select statement.

-- Query for ML predictions SELECT d.*, p.Score

FROM PREDICT(MODEL = (SELECT Model FROM Models WHERE Id = 1),

DATA = dbo.mytable AS d, RUNTIME = ONNX) WITH (Score float) AS p; Box 2: WITH

Reference:

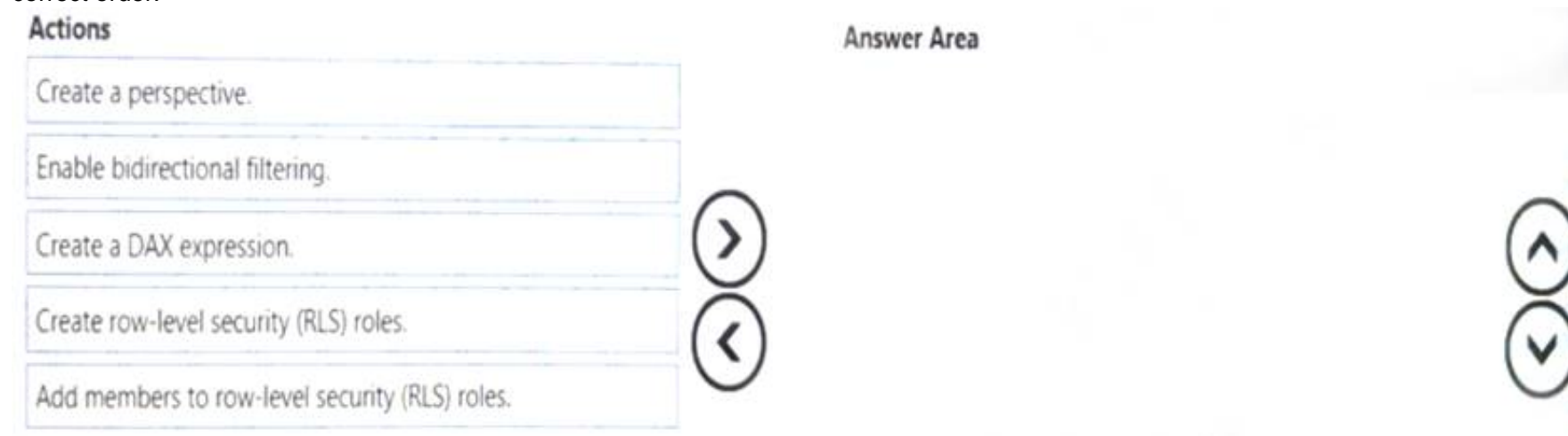
<https://docs.microsoft.com/en-us/azure/synapse-analytics/sql-data-warehouse/sql-data-warehouse-predict>

NEW QUESTION 113

- (Exam Topic 2)

You need to create Power BI reports that will display data based on the customers' subscription level.

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.



The screenshot shows the 'Actions' pane on the left with five items: 'Create a perspective.', 'Enable bidirectional filtering.', 'Create a DAX expression.', 'Create row-level security (RLS) roles.', and 'Add members to row-level security (RLS) roles.'. To the right of these items are two circular arrows, one pointing right and one pointing left. Further to the right is the 'Answer Area', which is currently empty. To the right of the 'Answer Area' are two circular arrows, one pointing up and one pointing down, indicating that the selected actions can be ordered.

A. Mastered

B. Not Mastered

Answer: A

Explanation:

Step 1: Create row-level security (RLS) roles Create roles

Note: Provide all the customers with their own Power BI workspace to create their own reports. Each workspace will use the new dataset in the FinData workspace.

Implement subscription levels for the customers. Each subscription level will provide access to specific rows of financial data.

Deploy prebuilt datasets to Power BI to simplify the query experience of the customers. Step 2: Create a DAX expression

Consider a model with two roles: The first role, named Workers, restricts access to all Payroll table rows by using the following rule expression:

FALSE()

Note: A rule will return no table rows when its expression evaluates to false.

Yet, a second role, named Managers, allows access to all Payroll table rows by using the following rule expression:

TRUE()

Take care: Should a report user map to both roles, they'll see all Payroll table rows. Step 3: Add members to row-level security (RLS) roles

Configure role mappings

Once [the model is] published to Power BI, you must map members to dataset roles. Reference: <https://docs.microsoft.com/en-us/power-bi/guidance/rls-guidance>

NEW QUESTION 117

- (Exam Topic 1)

How should you configure the Power BI dataset refresh for the dbo.SalesTransactions table?

A. an incremental refresh of Product where the ModifiedDate value is during the last three days.

B. an incremental refresh of dbo.SalesTransactions where the SalesDate value is during the last three days.

C. a full refresh of all the tables

D. an incremental refresh of dbo.SalesTransactions where the SalesDate value is during the last hour.

Answer: B

Explanation:

The sales data in SQLDW is updated every 30 minutes. Records in dbo.SalesTransactions are updated in SQLDW up to three days after being created. The records do NOT change after three days.

NEW QUESTION 122

.....

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