

DATABRICKS-CERTIFIED-DATA-ENGINEER-ASSOCIATE^{Q&As}

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QUESTION 1

A data analyst has a series of queries in a SQL program. The data analyst wants this program to run every day. They only want the final query in the program to run on Sundays. They ask for help from the data engineering team to complete this task.

Which of the following approaches could be used by the data engineering team to complete this task?

- A. They could submit a feature request with Databricks to add this functionality.
- B. They could wrap the queries using PySpark and use Python\\'s control flow system to determine when to run the final query.
- C. They could only run the entire program on Sundays.
- D. They could automatically restrict access to the source table in the final query so that it is only accessible on Sundays.
- E. They could redesign the data model to separate the data used in the final query into a new table.

Correct Answer: B

QUESTION 2

A data engineer wants to schedule their Databricks SQL dashboard to refresh once per day, but they only want the associated SQL endpoint to be running when it is necessary.

Which of the following approaches can the data engineer use to minimize the total running time of the SQL endpoint used in the refresh schedule of their dashboard?

- A. They can ensure the dashboard\\'s SQL endpoint matches each of the queries\\' SQL endpoints.
- B. They can set up the dashboard\\'s SQL endpoint to be serverless.
- C. They can turn on the Auto Stop feature for the SQL endpoint.
- D. They can reduce the cluster size of the SQL endpoint.
- E. They can ensure the dashboard\\'s SQL endpoint is not one of the included query\\'s SQL endpoint.

Correct Answer: C

QUESTION 3

An engineering manager wants to monitor the performance of a recent project using a Databricks SQL query. For the first week following the project\\'s release, the managerwants the query results to be updated every minute. However, the manager is concerned that the compute resources used for the query will be left running and cost the organization a lot of money beyond the first week of the project\\'s release.

Which of the following approaches can the engineering team use to ensure the query does not cost the organization any money beyond the first week of the project\\'s release?



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- A. They can set a limit to the number of DBUs that are consumed by the SQL Endpoint.
- B. They can set the query\\'s refresh schedule to end after a certain number of refreshes.
- C. They cannot ensure the query does not cost the organization money beyond the first week of the project\\'s release.
- D. They can set a limit to the number of individuals that are able to manage the guery\\'s refresh schedule.
- E. They can set the query\\'s refresh schedule to end on a certain date in the query scheduler.

Correct Answer: E

QUESTION 4

A data engineer has three tables in a Delta Live Tables (DLT) pipeline. They have configured the pipeline to drop invalid records at each table. They notice that some data is being dropped due to quality concerns at some point in the DLT pipeline. They would like to determine at which table in their pipeline the data is being dropped.

Which of the following approaches can the data engineer take to identify the table that is dropping the records?

- A. They can set up separate expectations for each table when developing their DLT pipeline.
- B. They cannot determine which table is dropping the records.
- C. They can set up DLT to notify them via email when records are dropped.
- D. They can navigate to the DLT pipeline page, click on each table, and view the data quality statistics.
- E. They can navigate to the DLT pipeline page, click on the "Error" button, and review the present errors.

Correct Answer: E

QUESTION 5

A data engineer has realized that they made a mistake when making a daily update to a table. They need to use Delta time travel to restore the table to a version that is 3 days old. However, when the data engineer attempts to time travel to the older version, they are unable to restore the data because the data files have been deleted.

Which of the following explains why the data files are no longer present?

- A. The VACUUM command was run on the table
- B. The TIME TRAVEL command was run on the table
- C. The DELETE HISTORY command was run on the table
- D. The OPTIMIZE command was nun on the table
- E. The HISTORY command was run on the table

Correct Answer: C



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