

Databricks-Certified-Professional-Data-Engineer Zertifizierungsprüfung & Databricks-Certified- Professional-Data-Engineer PDF Testsoftware



P.S. Kostenlose 2026 Databricks Databricks-Certified-Professional-Data-Engineer Prüfungsfragen sind auf Google Drive freigegeben von ZertPruefung verfügbar: <https://drive.google.com/open?id=1wGQ530B7bbZRB-vnzvGo36qkz12aXTTj>

Wenn Sie sich noch anstrengend um die Databricks-Certified-Professional-Data-Engineer Zertifizierungsprüfung bemühen, dann kann ZertPruefung in diesem Moment Ihnen helfen, Problem zu lösen. ZertPruefung bietet Ihnen Schulungsunterlagen von hoher Qualität, damit Sie die Prüfung bestehen und exzellentes Mitglied der Databricks Databricks-Certified-Professional-Data-Engineer Zertifizierung werden können. Wenn Sie sich entscheiden, durch die Databricks Databricks-Certified-Professional-Data-Engineer Zertifizierungsprüfung sich zu verbessern, dann wählen Sie bitte ZertPruefung. ZertPruefung zu wählen ist keinesfalls nicht falsch. Unser ZertPruefung verspricht, dass Sie beim ersten Versuch die Databricks Databricks-Certified-Professional-Data-Engineer Zertifizierungsprüfung bestehen und somit das Zertifikat bekommen können. So können Sie sich sicher verbessern.

Die Databricks Certified Professional Data Engineer Prüfung wurde entwickelt, um die Fähigkeiten und Kenntnisse von Personen zu testen, die mit Big-Data- und Cloud-Computing-Technologien arbeiten. Diese Prüfung konzentriert sich in erster Linie darauf, die Fähigkeiten der Kandidaten bei der Gestaltung, Erstellung und Wartung von Big-Data-Lösungen mit der Apache Spark-Plattform zu bewerten. Diese Zertifizierung ist in der Branche sehr gefragt und kann Einzelpersonen dabei helfen, ihre Kompetenz bei der Verwaltung von Big-Data-Projekten nachzuweisen.

Die Prüfung ist für Dateningenieure mit Erfahrung in der Gestaltung und Umsetzung von Datenlösungen mit Databricks gedacht. Kandidaten für diese Zertifizierung sollten ein gutes Verständnis von Datenengineering-Konzepten, Datenverarbeitungs-Frameworks und Programmiersprachen wie Python und SQL haben. Sie sollten auch mit Cloud-Plattformen wie AWS, Azure und Google Cloud Plattform vertraut sein.

>> **Databricks-Certified-Professional-Data-Engineer Zertifizierungsprüfung** <<

Databricks-Certified-Professional-Data-Engineer PDF Testsoftware & Databricks-Certified-Professional-Data-Engineer Prüfungsunterlagen

ZertPruefung ist eine Website, die alle IT-Lerner wissen. ZertPruefung ist von den IT-Zertifizierungskandidaten immer gut bewertet. Es ist eine Website, die Leuten wirklich helfen kann, weil ZertPruefung eine IT-Elitengruppen hat und auch die ausgezeichneten und echten Prüfungsmaterialien zur Databricks Databricks-Certified-Professional-Data-Engineer Zertifizierungsprüfung anbietet. Deshalb kann ZertPruefung anderen viele nützliche Schulungsunterlagen über Databricks-Certified-Professional-Data-Engineer Prüfung bereitstellen, die ihre Bedürfnisse abdecken.

Databricks Certified Professional Data Engineer Exam Databricks-Certified- Professional-Data-Engineer Prüfungsfragen mit Lösungen (Q87-Q92):

87. Frage

You are working on a process to load external CSV files into a delta table by leveraging the COPY INTO command, but after running the command for the second time no data was loaded into the table name, why is that?

1. COPY INTO table_name
2. FROM 'dbfs:/mnt/raw/*.csv'
3. FILEFORMAT = CSV

- A. COPY INTO does not support incremental load, use AUTO LOADER
- B. Use incremental = TRUE option to load new files
- C. COPY INTO did not detect new files after the last load
- D. Run REFRESH TABLE sales before running COPY INTO
- E. COPY INTO only works one time data load

Antwort: C

Begründung:

Explanation

The answer is COPY INTO did not detect new files after the last load,

COPY INTO keeps track of files that were successfully loaded into the table, the next time when the COPY INTO runs it skips them

FYI, you can change this behavior by using COPY_OPTIONS 'force' = 'true', when this option is enabled all files in the path/pattern are loaded.

1. COPY INTO table_identifier
2. FROM [file_location | (SELECT identifier_list FROM file_location)]
3. FILEFORMAT = data_source
4. [FILES = [file_name, ... | PATTERN = 'regex_pattern']
5. [FORMAT_OPTIONS ('data_source_reader_option' = 'value', ...)]
6. [COPY_OPTIONS 'force' = ('false'|'true')]

88. Frage

Which of the following techniques structured streaming uses to create an end-to-end fault tolerance?

- A. Stream will failover to available nodes in the cluster
- B. Checkpointing and idempotent sinks
- C. Write ahead logging and idempotent sinks
- D. Checkpointing and Water marking
- E. Write ahead logging and water marking

Antwort: B

Begründung:

Explanation

The answer is Checkpointing and idempotent sinks

How does structured streaming achieve end-to-end fault tolerance:

*First, Structured Streaming uses checkpointing and write-ahead logs to record the offset range of data being processed during each trigger interval.

*Next, the streaming sinks are designed to be idempotent - that is, multiple writes of the same data (as identified by the offset) do not result in duplicates being written to the sink.

Taken together, replayable data sources and idempotent sinks allow Structured Streaming to ensure end-to-end, exactly-once semantics under any failure condition.

89. Frage

The data architect has mandated that all tables in the Lakehouse should be configured as external (also known as "unmanaged") Delta Lake tables.

Which approach will ensure that this requirement is met?

- A. When configuring an external data warehouse for all table storage, leverage Databricks for all ELT.
- B. When a database is being created, make sure that the LOCATION keyword is used.
- C. When the workspace is being configured, make sure that external cloud object storage has been mounted.
- D. When data is saved to a table, make sure that a full file path is specified alongside the Delta format.
- E. When tables are created, make sure that the EXTERNAL keyword is used in the CREATE TABLE statement.

Antwort: E

Begründung:

To create an external or unmanaged Delta Lake table, you need to use the `EXTERNAL` keyword in the `CREATE TABLE` statement. This indicates that the table is not managed by the catalog and the data files are not deleted when the table is dropped. You also need to provide a `LOCATION` clause to specify the path where the data files are stored. For example:
`CREATE EXTERNAL TABLE events (date DATE, eventId STRING, eventType STRING, data STRING) USING DELTA LOCATION '/mnt/delta/events';` This creates an external Delta Lake table named `events` that references the data files in the `'/mnt/delta/events'` path. If you drop this table, the data files will remain intact and you can recreate the table with the same statement.

Reference:

<https://docs.databricks.com/delta/delta-batch.htm#create-a-table>

<https://docs.databricks.com/delta/delta-batch.htm#drop-a-table>

90. Frage

A Databricks job has been configured with 3 tasks, each of which is a Databricks notebook. Task A does not depend on other tasks. Tasks B and C run in parallel, with each having a serial dependency on Task A.

If task A fails during a scheduled run, which statement describes the results of this run?

- **A. Tasks B and C will be skipped; some logic expressed in task A may have been committed before task failure.**
- B. Tasks B and C will be skipped; task A will not commit any changes because of stage failure.
- C. Tasks B and C will attempt to run as configured; any changes made in task A will be rolled back due to task failure.
- D. Because all tasks are managed as a dependency graph, no changes will be committed to the Lakehouse until all tasks have successfully been completed.
- E. Unless all tasks complete successfully, no changes will be committed to the Lakehouse; because task A failed, all commits will be rolled back automatically.

Antwort: A

Begründung:

When a Databricks job runs multiple tasks with dependencies, the tasks are executed in a dependency graph.

If a task fails, the downstream tasks that depend on it are skipped and marked as Upstream failed. However, the failed task may have already committed some changes to the Lakehouse before the failure occurred, and those changes are not rolled back automatically. Therefore, the job run may result in a partial update of the Lakehouse. To avoid this, you can use the transactional writes feature of Delta Lake to ensure that the changes are only committed when the entire job run succeeds. Alternatively, you can use the Run if condition to configure tasks to run even when some or all of their dependencies have failed, allowing your job to recover from failures and continue running. References:

* transactional writes: <https://docs.databricks.com/delta/delta-intro.htm#transactional-writes>

* Run if: <https://docs.databricks.com/en/workflows/jobs/conditional-tasks.html>

91. Frage

A Delta Lake table with Change Data Feed (CDF) enabled in the Lakehouse named `customer_churn_params` is used in churn prediction by the machine learning team. The table contains information about customers derived from a number of upstream sources. Currently, the data engineering team populates this table nightly by overwriting the table with the current valid values derived from upstream data sources. The churn prediction model used by the ML team is fairly stable in production. The team is only interested in making predictions on records that have changed in the past 24 hours. Which approach would simplify the identification of these changed records?

- A. Apply the churn model to all rows in the `customer_churn_params` table, but implement logic to perform an upsert into the predictions table that ignores rows where predictions have not changed.
- **B. Replace the current overwrite logic with a `MERGE` statement to modify only those records that have changed; write logic to make predictions on the changed records identified by the Change Data Feed.**
- C. Convert the batch job to a Structured Streaming job using the complete output mode; configure a Structured Streaming job to read from the `customer_churn_params` table and incrementally predict against the churn model.
- D. Modify the overwrite logic to include a field populated by calling `current_timestamp()` as data are being written; use this field to identify records written on a particular date.

Antwort: B

Begründung:

Comprehensive and Detailed Explanation From Exact Extract:

* Exact extract: "Change data feed (CDF) provides row-level change information for Delta tables."

* Exact extract: "Use table_changes to query the set of rows that were inserted, updated, or deleted between two versions (or timestamps)." References: Delta Lake Change Data Feed; Delta Lake MERGE INTO.

92. Frage

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ZertPruefung ist eine Website, die den Traum vielen IT-Fachleuten erfüllen kann. Wenn Sie einen IT-Traum haben, dann wählen Sie doch ZertPruefung. Die Fragenkataloge zur Databricks Databricks-Certified-Professional-Data-Engineer Zertifizierungsprüfung von ZertPruefung sind von vielen IT-Fachleuten begehrt, die Ihnen helfen, die Databricks-Certified-Professional-Data-Engineer Zertifizierung zu bestehen und im Berufsleben befördert zu werden.

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