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To address the problems of Google Cloud Associate Data Practitioner (Associate-Data-Practitioner) exam candidates who are busy, 2Pass4sure has made the Google Cloud Associate Data Practitioner (Associate-Data-Practitioner) dumps PDF format of real Google Cloud Associate Data Practitioner (Associate-Data-Practitioner) exam questions. This format's feature to run on all smart devices saves your time. Because of this, the portability of Google Cloud Associate Data Practitioner (Associate-Data-Practitioner) dumps PDF aids in your preparation regardless of place and time restrictions.

Google Associate-Data-Practitioner Exam Syllabus Topics:

Topic	Details
Topic 1	• Data Management: This domain measures the skills of Google Database Administrators in configuring access control and governance. Candidates will establish principles of least privilege access using Identity and Access Management (IAM) and compare methods of access control for Cloud Storage. They will also configure lifecycle management rules to manage data retention effectively. A critical skill measured is ensuring proper access control to sensitive data within Google Cloud services
Topic 2	• Data Analysis and Presentation: This domain assesses the competencies of Data Analysts in identifying data trends, patterns, and insights using BigQuery and Jupyter notebooks. Candidates will define and execute SQL queries to generate reports and analyze data for business questions. Data Pipeline Orchestration: This section targets Data Analysts and focuses on designing and implementing simple data pipelines. Candidates will select appropriate data transformation tools based on business needs and evaluate use cases for ELT versus ETL.
Topic 3	• Data Preparation and Ingestion: This section of the exam measures the skills of Google Cloud Engineers and covers the preparation and processing of data. Candidates will differentiate between various data manipulation methodologies such as ETL, ELT, and ETLT. They will choose appropriate data transfer tools, assess data quality, and conduct data cleaning using tools like Cloud Data Fusion and BigQuery. A key skill measured is effectively assessing data quality before ingestion.

Google Cloud Associate Data Practitioner Sample Questions (Q54-Q59):

NEW QUESTION # 54

You are working with a large dataset of customer reviews stored in Cloud Storage. The dataset contains several inconsistencies, such as missing values, incorrect data types, and duplicate entries. You need to clean the data to ensure that it is accurate and consistent before using it for analysis. What should you do?

- A. Use Cloud Run functions to clean the data and load it into BigQuery. Use SQL for analysis.
- B. Use Storage Transfer Service to move the data to a different Cloud Storage bucket. Use event triggers to invoke Cloud Run functions to load the data into BigQuery. Use SQL for analysis.
- **C. Use BigQuery to batch load the data into BigQuery. Use SQL for cleaning and analysis.**
- D. Use the PythonOperator in Cloud Composer to clean the data and load it into BigQuery. Use SQL for analysis.

Answer: C

Explanation:

Using BigQuery to batch load the data and perform cleaning and analysis with SQL is the best approach for this scenario. BigQuery provides powerful SQL capabilities to handle missing values, enforce correct data types, and remove duplicates efficiently. This method simplifies the pipeline by leveraging BigQuery's built-in processing power for both cleaning and analysis, reducing the need for additional tools or services and minimizing complexity.

NEW QUESTION # 55

You are a database administrator managing sales transaction data by region stored in a BigQuery table. You need to ensure that each sales representative can only see the transactions in their region. What should you do?

- **A. Create a row-level access policy.**
- B. Grant the appropriate IAM permissions on the dataset.
- C. Add a policy tag in BigQuery.
- D. Create a data masking rule.

Answer: A

Explanation:

Creating a row-level access policy in BigQuery ensures that each sales representative can see only the transactions relevant to their region. Row-level access policies allow you to define fine-grained access control by filtering rows based on specific conditions, such as matching the sales representative's region. This approach enforces security while providing tailored data access, aligning with the principle of least privilege.

NEW QUESTION # 56

You are constructing a data pipeline to process sensitive customer data stored in a Cloud Storage bucket. You need to ensure that this data remains accessible, even in the event of a single-zone outage. What should you do?

- **A. Store the data in a multi-region bucket.**
- B. Enable Object Versioning on the bucket.
- C. Store the data in Nearline storage.
- D. Set up a Cloud CDN in front of the bucket.

Answer: A

Explanation:

Storing the data in a multi-region bucket ensures high availability and durability, even in the event of a single-zone outage. Multi-region buckets replicate data across multiple locations within the selected region, providing resilience against zone-level failures and ensuring that the data remains accessible. This approach is particularly suitable for sensitive customer data that must remain available without interruptions.

NEW QUESTION # 57

You are working on a project that requires analyzing daily social media data. You have 100 GB of JSON formatted data stored in Cloud Storage that keeps growing.

You need to transform and load this data into BigQuery for analysis. You want to follow the Google- recommended approach. What should you do?

- **A. Use Dataflow to transform the data and write the transformed data to BigQuery.**
- B. Manually download the data from Cloud Storage. Use a Python script to transform and upload the data into BigQuery.
- C. Use Cloud Run functions to transform and load the data into BigQuery.
- D. Use Cloud Data Fusion to transfer the data into BigQuery raw tables, and use SQL to transform it.

Answer: A

Explanation:

Comprehensive and Detailed in Depth Explanation:

Why C is correct: Dataflow is a fully managed service for transforming and enriching data in both batch and streaming modes.

Dataflow is Google's recommended way to transform large datasets.

It is designed for parallel processing, making it suitable for large datasets.

Why other options are incorrect: A: Manual downloading and scripting is not scalable or efficient.

B: Cloud Run functions are for stateless applications, not large data transformations.

D: While Cloud Data Fusion could work, Dataflow is more optimized for large scale data transformation.

NEW QUESTION # 58

Your company's ecommerce website collects product reviews from customers. The reviews are loaded as CSV files daily to a Cloud Storage bucket. The reviews are in multiple languages and need to be translated to Spanish. You need to configure a pipeline that is serverless, efficient, and requires minimal maintenance.

What should you do?

- A. Load the data into BigQuery using Dataproc. Use Apache Spark to translate the reviews by invoking the Cloud Translation API. Set BigQuery as the sink.
- **B. Load the data into BigQuery using a Cloud Run function. Create a BigQuery remote function that invokes the Cloud Translation API. Use a scheduled query to translate new reviews.**
- C. Load the data into BigQuery using a Cloud Run function. Use the BigQuery ML create model statement to train a translation model. Use the model to translate the product reviews within BigQuery.
- D. Use a Dataflow templates pipeline to translate the reviews using the Cloud Translation API. Set BigQuery as the sink.

Answer: B

Explanation:

Loading the data into BigQuery using a Cloud Run function and creating a BigQuery remote function that invokes the Cloud Translation API is a serverless and efficient approach. With this setup, you can use a scheduled query in BigQuery to invoke the remote function

and translate new product reviews on a regular basis. This solution requires minimal maintenance, as BigQuery handles storage and querying, and the Cloud Translation API provides accurate translations without the need for custom ML model development.

NEW QUESTION # 59

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