

Professional-Data-Engineer 최신버전덤프데모문제최신덤프문제

Snowflake ARA-C01 SnowPro Advanced Architect Certification 4

비 인증덤프

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BONUS!!! DumpTOP Professional-Data-Engineer 시험 문제집 전체 버전을 무료로 다운로드하세요:
https://drive.google.com/open?id=1tvIwcEK_bTLI--yoypMvh4zRnnZGistu

DumpTOP Google Professional-Data-Engineer덤프 구매전 혹은 구매후 의문나는 점이 있으시면 한국어로 온라인서비스 혹은 메일로 상담 받으실 수 있습니다. 기술 질문들에 관련된 문제들을 해결 하기 위하여 최선을 다 할것입니다. 고객님의 DumpTOP Google Professional-Data-Engineer덤프와 서비스에 만족 할 수 있도록 저희는 계속 개발해 나갈 것입니다.

Google인증Professional-Data-Engineer시험은 현재 치열한 IT경쟁 속에서 열기는 더욱더 뜨겁습니다. 응시자들도 더욱더 많습니다. 하지만 난이도난 전혀 낮아지지 않고 이지도 어려운 시험입니다. 어쨌든 개인적인 지식 장악도 나 정보기술 등을 테스트하는 시험입니다. 보통은Google인증Professional-Data-Engineer시험을 넘기 위해서는 많은 시간과 신경이 필요합니다.

>> Professional-Data-Engineer최신버전 덤프데모문제 <<

100% 유효한 Professional-Data-Engineer최신버전 덤프데모문제 인증공부자료

DumpTOP연구한 전문Google Professional-Data-Engineer인증시험을 겨냥한 덤프가 아주 많은 인기를 누리고 있습니다

다. DumpTOP제공되는 자료는 지식을 장악할 수 있는 반면 많은 경험도 쌓을 수 있습니다. DumpTOP는 많은 IT인사들의 요구를 만족시켜드릴 수 있는 사이트입니다. 비록 Google Professional-Data-Engineer 인증 시험은 어렵지만 우리 DumpTOP의 문제집으로 가이드 하면 여러분은 아주 자신만만하게 응시하실 수 있습니다. 안심하시고 우리 DumpTOP가 제공하는 알맞춤 문제집을 사용하시고 완벽한 Google Professional-Data-Engineer 인증 시험 준비를 하세요.

Google Professional-Data-Engineer 시험을 준비하기 위해 응시자는 온라인으로 제공되는 많은 리소스를 활용할 수 있습니다. Google은 온라인 과정, 실습 시험 및 학습 가이드를 포함한 다양한 교육 과정 및 학습 자료를 제공합니다. 또한 후보자가 시험 준비를 하는 다른 전문가와 연결할 수 있는 많은 연구 그룹과 포럼이 있습니다. 올바른 준비 및 헌신으로 전문가는 Google 인증 전문 데이터 엔지니어로 인증을 달성하고 Google Cloud 플랫폼에서 전문 지식을 보여줄 수 있습니다.

최신 Google Cloud Certified Professional-Data-Engineer 무료 샘플문제 (Q200-Q205):

질문 # 200

Your financial services company is moving to cloud technology and wants to store 50 TB of financial timeseries data in the cloud. This data is updated frequently and new data will be streaming in all the time.

Your company also wants to move their existing Apache Hadoop jobs to the cloud to get insights into this data.

Which product should they use to store the data?

- A. Google Cloud Datastore
- B. Google Cloud Storage
- C. Google BigQuery
- **D. Cloud Bigtable**

정답: D

설명:

Reference: <https://cloud.google.com/bigtable/docs/schema-design-time-series>

질문 # 201

You work for a farming company. You have one BigQuery table named sensors, which is about 500 MB and contains the list of your 5000 sensors, with columns for id, name, and location. This table is updated every hour. Each sensor generates one metric every 30 seconds along with a timestamp, which you want to store in BigQuery. You want to run an analytical query on the data once a week for monitoring purposes. You also want to minimize costs. What data model should you use?

- A. 1. Create a metrics column in the sensors table.
2. Set record type and repeated mode for the metrics column.
3. Use an UPDATE statement every 30 seconds to add new metrics.
- **B. 1. Create a metrics table partitioned by timestamp.
2. Create a sensorid column in the metrics table, that points to the id column in the sensors table.
3. Use an INSERT statement every 30 seconds to append new metrics to the metrics table.
4. Join the two tables, if needed, when running the analytical query.**
- C. 1. Create a metrics table partitioned by timestamp.
2. Create a sensorid column in the metrics table, that points to the id column in the sensors table.
3. Use an UPDATE statement every 30 seconds to append new metrics to the metrics table.
4. Join the two tables, if needed, when running the analytical query.
- D. 1. Create a metrics column in the sensors table.
2. Set RECORD type and REPEATED mode for the metrics column.
3. Use an INSERT statement every 30 seconds to add new metrics.

정답: B

설명:

For a farming company with a sensor data table updated every 30 seconds, the goal is to minimize costs while facilitating weekly analytical queries. The best data model will effectively manage data storage, update frequency, and query performance.

* Partitioned Metrics Table:

* Creating a metrics table partitioned by timestamp optimizes query performance and storage costs.

* Partitioning by timestamp allows for efficient querying, especially for time-based analyses.

* Sensor ID Reference:

- * Including a sensor_id column in the metrics table that points to the id column in the sensors table ensures data normalization.
- * This structure avoids redundancy and maintains a clear relationship between sensors and their metrics.
- * Using INSERT Statements:
- * Using INSERT statements to append new metrics every 30 seconds is efficient and cost-effective.
- * INSERT operations are more suitable than UPDATE operations for adding new data entries, especially at high frequencies.
- * Joining Tables for Analysis:
- * When running analytical queries, joining the partitioned metrics table with the sensors table as needed provides a comprehensive view of the data.
- * This approach leverages BigQuery's powerful JOIN capabilities while keeping the data model normalized and efficient.

Google Data Engineer References:

- * BigQuery Partitioned Tables
- * BigQuery Best Practices
- * Efficient Data Partitioning
- * BigQuery Data Modeling

Using this data model, the farming company can manage its sensor data effectively, minimize costs, and perform weekly analytical queries with high efficiency.

질문 # 202

You are operating a Cloud Dataflow streaming pipeline. The pipeline aggregates events from a Cloud Pub/Sub subscription source, within a window, and sinks the resulting aggregation to a Cloud Storage bucket. The source has consistent throughput. You want to monitor an alert on behavior of the pipeline with Cloud Stackdriver to ensure that it is processing data. Which Stackdriver alerts should you create?

- A. An alert based on a decrease of subscription/num_undelivered_messages for the source and a rate of change increase of instance/storage/used_bytes for the destination
- B. An alert based on an increase of instance/storage/used_bytes for the source and a rate of change decrease of subscription/num_undelivered_messages for the destination
- C. An alert based on a decrease of instance/storage/used_bytes for the source and a rate of change increase of subscription/num_undelivered_messages for the destination
- D. An alert based on an increase of subscription/num_undelivered_messages for the source and a rate of change decrease of instance/storage/used_bytes for the destination

정답: D

질문 # 203

You stream order data by using a Dataflow pipeline, and write the aggregated result to Memorystore. You provisioned a Memorystore for Redis instance with Basic Tier. 4 GB capacity, which is used by 40 clients for read-only access. You are expecting the number of read-only clients to increase significantly to a few hundred and you need to be able to support the demand. You want to ensure that read and write access availability is not impacted, and any changes you make can be deployed quickly. What should you do?

- A. Create a new Memorystore for Redis instance with Standard Tier Set capacity to 5 GB and create multiple read replicas Delete the old instance.
- B. Create multiple new Memorystore for Redis instances with Basic Tier (4 GB capacity) Modify the Dataflow pipeline and new clients to use all instances
- C. Create a new Memorystore for Memcached instance Set a minimum of three nodes, and memory per node to 4 GB. Modify the Dataflow pipeline and all clients to use the Memcached instance Delete the old instance.
- D. Create a new Memorystore for Redis instance with Standard Tier Set capacity to 4 GB and read replica to No read replicas (high availability only). Delete the old instance.

정답: A

설명:

The Basic Tier of Memorystore for Redis provides a standalone Redis instance that is not replicated and does not support read replicas. This means that it cannot scale horizontally to handle more read requests, and it does not provide high availability or automatic failover. If the number of read-only clients increases significantly, the Basic Tier instance may not be able to handle the demand and may impact the read and write access availability. Therefore, option A is not a good solution, as it would require creating multiple Basic Tier instances and modifying the Dataflow pipeline and the clients to distribute the load among them. This would increase the complexity and the management overhead of the solution.

The Standard Tier of Memorystore for Redis provides a highly available Redis instance that supports replication and read replicas. Replication ensures that the data is backed up in another zone and can fail over automatically in case of a primary node failure. Read replicas allow scaling the read throughput by adding up to five replicas to an instance and using them for read-only queries. The Standard Tier also supports in-transit encryption and maintenance windows. Therefore, option D is the best solution, as it would create a new Standard Tier instance with a higher capacity (5 GB) and multiple read replicas to handle the increased demand. The old instance can be deleted after migrating the data to the new instance.

Option B is not a good solution, as it would create a new Standard Tier instance with the same capacity (4 GB) and no read replicas. This would not improve the read throughput or the availability of the solution. Option C is not a good solution, as it would create a new Memorystore for Memcached instance, which is a different service that uses a different protocol and data model than Redis. This would require changing the code of the Dataflow pipeline and the clients to use the Memcached protocol and data structures, which would take more time and effort than migrating to a new Redis instance. References: Redis tier capabilities | Memorystore for Redis | Google Cloud, Pricing | Memorystore for Redis | Google Cloud, What is Memorystore? | Google Cloud Blog, Working with GCP Memorystore - Simple Talk - Redgate Software

질문 # 204

You use BigQuery as your centralized analytics platform. New data is loaded every day, and an ETL pipeline modifies the original data and prepares it for the final users. This ETL pipeline is regularly modified and can generate errors, but sometimes the errors are detected only after 2 weeks. You need to provide a method to recover from these errors, and your backups should be optimized for storage costs. How should you organize your data in BigQuery and store your backups?

- A. Organize your data in a single table, export, and compress and store the BigQuery data in Cloud Storage.
- B. Organize your data in separate tables for each month, and duplicate your data on a separate dataset in BigQuery.
- **C. Organize your data in separate tables for each month, and use snapshot decorators to restore the table to a time prior to the corruption.**
- D. Organize your data in separate tables for each month, and export, compress, and store the data in Cloud Storage.

정답: C

설명:
Explanation

질문 # 205

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우선 우리DumpTOP 사이트에서Google Professional-Data-Engineer관련자료의 일부 문제와 답 등 샘플을 제공함으로 여러분은 무료로 다운받아 체험해보실 수 있습니다.체험 후 우리의DumpTOP에 신뢰감을 느끼게 됩니다. DumpTOP에서 제공하는Google Professional-Data-Engineer덤프로 시험 준비하시면 편안하게 시험을 패스하실 수 있습니다.

Professional-Data-Engineer최고품질 인증시험 대비자료: <https://www.dumptop.com/Google/Professional-Data-Engineer-dump.html>

Google Professional-Data-Engineer최신버전 덤프데모문제 Pass4Tes의 인증시험적중률은 아주 높습니다, IT인사들의 부담을 덜어드리기 위해DumpTOP는Google인증 Professional-Data-Engineer인증 시험에 대비한 고품질 덤프를 연구제작하였습니다, DumpTOP는 엘리트한 전문가들의 끊임없는 연구와 자신만의 노하우로 Google Professional-Data-Engineer덤프자료를 만들어 냈으므로 여러분의 꿈을 이루어드립니다, DumpTOP Professional-Data-Engineer최고품질 인증시험 대비자료제품은 여러분들이 제일 간편한 방법으로 시험에서 고득점을 받을 수 있도록 도와드리는 시험동반자입니다, 만약DumpTOP Professional-Data-Engineer최고품질 인증시험 대비자료를 선택하였다면 여러분은 받은 성공한 것입니다.

아니긴 뭐가 아네요, 놀란 규리가 두 눈을 동그랗게 뜨고 명석을 쳐다보자, 그의 횡설수설이 시작됐다.원래 안 되는 거야, Pass4Tes의 인증시험적중률은 아주 높습니다, IT인사들의 부담을 덜어드리기 위해DumpTOP는Google인증 Professional-Data-Engineer인증 시험에 대비한 고품질 덤프를 연구제작하였습니다.

Professional-Data-Engineer최신버전 덤프데모문제 인기덤프

DumpTOP는 엘리트한 전문가들의 끊임없는 연구와 자신만의 노하우로 Google Professional-Data-Engineer덤프자료를 만들어 냈으므로 여러분의 꿈을 이루어드립니다, DumpTOP제품은 여러분들이 제일 간편한 방법으로 시험에서 고득점을 받을 수 있도록 도와드리는 시험동반자입니다.

만약 DumpTOP를 선택하였다면 여러분은 반은 성공한 것입니다.

- [illegible]

참고: DumpTOP에서 Google Drive로 공유하는 무료, 최신 Professional-Data-Engineer 시험 문제집이 있습니다:
https://drive.google.com/open?id=1tvhwEK_bTLI--yoypMvh4zRnnZGistu