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Exam Professional Data Engineer All Questions

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EXAM PROFESSIONAL DATA ENGINEER TOPIC 1 QUESTION 204 DISCUSSION

Actual exam question from Google's Professional Data Engineer

Question #: 204

Topic #: 1

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You want to create a machine learning model using BigQuery ML and create an endpoint for hosting the model using Vertex AI. This will enable the processing of continuous streaming data in near-real time from multiple vendors. The data may contain invalid values. What should you do?

- A. Create a new BigQuery dataset and use streaming inserts to land the data from multiple vendors. Configure your BigQuery ML model to use the "ingestion" dataset as the framing data.
- B. Use BigQuery streaming inserts to land the data from multiple vendors where your BigQuery dataset ML model is deployed.
- C. Create a Pub/Sub topic and send all vendor data to it. Connect a Cloud Function to the topic to process the data and store it in BigQuery.
- D. Create a Pub/Sub topic and send all vendor data to it. Use Dataflow to process and sanitize the Pub/Sub data and stream it to BigQuery.

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by [Atnafu](#) at Nov. 30, 2022, 11:08 p.m.

Comments

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- 🗄️ 👤 **anyone_99** 10 months ago
Why is the answer A? After paying \$44 I am getting wrong answers.
👍 ↩️ 🚩 upvoted 1 times
- 🗄️ 👤 **987af6b** 9 months, 2 weeks ago
The discussion is where the real answer is.
👍 ↩️ 🚩 upvoted 2 times
- 🗄️ 👤 **Matt_108** 1 year, 3 months ago
Selected Answer: D
Option D
👍 ↩️ 🚩 upvoted 2 times
- 🗄️ 👤 **vamgcp** 1 year, 9 months ago
Selected Answer: D
Option D -Dataflow provides a scalable and flexible way to process and clean the incoming data in real-time before loading it into BigQuery.
👍 ↩️ 🚩 upvoted 2 times
- 🗄️ 👤 **AzureDP900** 2 years, 4 months ago
D. Create a Pub/Sub topic and send all vendor data to it. Use Dataflow to process and sanitize the Pub/Sub data and stream it to BigQuery.
👍 ↩️ 🚩 upvoted 1 times
- 🗄️ 👤 **odacir** 2 years, 4 months ago
Selected Answer: D
D is the best option to sanitize the data to its D
👍 ↩️ 🚩 upvoted 2 times
- 🗄️ 👤 **jkhong** 2 years, 5 months ago
Selected Answer: D
Better to use pubsub for streaming and reading message data

Dataflow ParDo can perform filtering of data
👍 ↩️ 🚩 upvoted 2 times
- 🗄️ 👤 **zelck** 2 years, 5 months ago
Selected Answer: D
D is the answer.
👍 ↩️ 🚩 upvoted 1 times
- 🗄️ 👤 **vidts** 2 years, 5 months ago
Selected Answer: D
It's D
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- 🗄️ 👤 **Atnafu** 2 years, 5 months ago
Answer is D
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