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📄 **EXAM PROFESSIONAL MACHINE LEARNING ENGINEER TOPIC 1 QUESTION 46 DISCUSSIO..**

Actual exam question from Google's Professional Machine Learning Engineer
Question #: 46
Topic #: 1
[All Professional Machine Learning Engineer Questions]

As the lead ML Engineer for your company, you are responsible for building ML models to digitize scanned customer forms. You have developed a TensorFlow model that converts the scanned images into text and stores them in Cloud Storage. You need to use your ML model on the aggregated data collected at the end of each day with minimal manual intervention. What should you do?

    A. Use the batch prediction functionality of AI Platform.

    B. Create a serving pipeline in Compute Engine for prediction.

    C. Use Cloud Functions for prediction each time a new data point is ingested.

    D. Deploy the model on AI Platform and create a version of it for online inference.

Show Suggested Answer

by 👤 Paul_Dirac at *June 27, 2021, 1:20 a.m.*

Comments

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👤 **Paul_Dirac** `Highly Voted` 👍 3 years, 4 months ago

Use the model at the end of the day => Not D, C.
Minimize manual intervention => not B
Ans: A

👍 ↩ 🚩 upvoted 28 times

👤 **PhilipKoku** `Most Recent ⊙` 5 months ago

`Selected Answer: A`

A) This a batch prediction using AI Platform

👍 ↩ 🚩 upvoted 1 times

👤 **Arthurious** 7 months, 2 weeks ago

`Selected Answer: A`

A is the most efficient

👍 ↩ 🚩 upvoted 1 times

👤 **Sum_Sum** 11 months, 3 weeks ago

`Selected Answer: A`

A is the only way

👍 ↩ 🚩 upvoted 1 times

👤 **M25** 1 year, 6 months ago

`Selected Answer: A`

Went with A

👍 ↩ 🚩 upvoted 1 times

👤 **ares81** 1 year, 10 months ago

`Selected Answer: A`

There is only A, for me.

👍 ↩ 🚩 upvoted 1 times

👤 **koakande** 1 year, 10 months ago

`Selected Answer: A`

Because aggregated data can be sent at the end of the day for batch prediction and AI platform is managed so satisfy
minimal intervention requirement
Not B as violates minimal intervention requirement
Not C and D as real-time or online inference is not needed since data is aggregated at the end of the day

👍 ↩ 🚩 upvoted 3 times

👤 **hiromi** 1 year, 11 months ago

`Selected Answer: A`

You need to use your ML model on the aggregated data collected at the end of each day with minimal manual intervention.

👍 ↩ 🚩 upvoted 1 times

👤 **seifou** 1 year, 11 months ago

A.
https://datatonic.com/insights/vertex-ai-improving-debugging-batch-
prediction/#:~:text=Vertex%20AI%20Batch%20Prediction%20provides,to%20GCS%20or%20BigQuery%2C%20respectively.

👍 ↩ 🚩 upvoted 1 times

👤 **Mohamed_Mossad** 2 years, 4 months ago

`Selected Answer: A`

"You need to use your ML model on the aggregated data" that means we need the batch prediction feature in AI platform

👍 ↩ 🚩 upvoted 1 times

👤 **ggorzki** 2 years, 9 months ago

`Selected Answer: A`

A
https://cloud.google.com/ai-platform/prediction/docs/batch-predict

👍 ↩ 🚩 upvoted 3 times

👤 **george_ognyanov** 3 years, 1 month ago

Another vote for A. Technically, through the right lens D could be correct as well, but what tipped me towards A was batch vs
online predictions and the need for less manual work.

👍 ↩ 🚩 upvoted 3 times

👤 **Y2Data** 3 years, 1 month ago

https://cloud.google.com/ai-platform/prediction/docs/batch-predict

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