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📄 **EXAM PROFESSIONAL MACHINE LEARNING ENGINEER TOPIC 1 QUESTION 67 DISCUSSIO..**

Actual exam question from Google's Professional Machine Learning Engineer
Question #: 67
Topic #: 1

[All Professional Machine Learning Engineer Questions]

You have a large corpus of written support cases that can be classified into 3 separate categories: Technical Support, Billing Support, or Other Issues. You need to quickly build, test, and deploy a service that will automatically classify future written requests into one of the categories. How should you configure the pipeline?

A. Use the Cloud Natural Language API to obtain metadata to classify the incoming cases.

B. Use AutoML Natural Language to build and test a classifier. Deploy the model as a REST API.

C. Use BigQuery ML to build and test a logistic regression model to classify incoming requests. Use BigQuery ML to perform inference.

D. Create a TensorFlow model using Google's BERT pre-trained model. Build and test a classifier, and deploy the model using Vertex AI.

Show Suggested Answer

by 👤 **Vedjha** at *Dec. 8, 2022, 12:07 p.m.*

Comments

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wish0035 `Highly Voted 👍` 1 year, 10 months ago

`Selected Answer: B`

ans: B

A => no, you need customization.
C, B => more work and complexity

B => AutoML is easier and faster and "you need to quickly build, test, and deploy". Also the REST API part fits our use case.

👍 ↩ 🚩 upvoted 8 times

PhilipKoku `Most Recent ⊙` 5 months ago

`Selected Answer: B`

B) AutoML NLP

👍 ↩ 🚩 upvoted 1 times

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gscharly 6 months, 3 weeks ago

Went with B

👍 ↩ 🚩 upvoted 1 times

MultiCloudIronMan 7 months, 1 week ago

`Selected Answer: B`

AutoML is faster and offers the requisite REST API

👍 ↩ 🚩 upvoted 1 times

Werner123 8 months, 1 week ago

`Selected Answer: B`

"quickly build, test and deploy" + custom categories -> AutoML

👍 ↩ 🚩 upvoted 1 times

M25 1 year, 6 months ago

`Selected Answer: B`

Went with B

👍 ↩ 🚩 upvoted 1 times

---

frangm23 1 year, 6 months ago

`Selected Answer: B`

I think it's B, but I don't understand why it doesn't suggest to deploy the model on Vertex AI instead of as a REST API.

👍 ↩ 🚩 upvoted 1 times

---

enghabeth 1 year, 9 months ago

`Selected Answer: B`

ans B becouse es more fast

👍 ↩ 🚩 upvoted 1 times

---

hiromi 1 year, 10 months ago

`Selected Answer: B`

B
wish0035 explained

👍 ↩ 🚩 upvoted 3 times

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ares81 1 year, 11 months ago

Quickly: AutoML: B.

👍 ↩ 🚩 upvoted 1 times

OzoneReloaded 1 year, 11 months ago

`Selected Answer: B`

I think it's B because of the deployment

👍 ↩ 🚩 upvoted 1 times

Vedjha 1 year, 11 months ago

B will give quick result on classification

👍 ↩ 🚩 upvoted 1 times

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