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Exam Professional Machine Learning Engineer All Questions

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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

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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

🗄️ **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 because es more fast

upvoted 1 times

🗄️ **hiromi** 1 year, 10 months ago

Selected Answer: B

B
wish0035 explained

upvoted 3 times

🗄️ **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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