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Exam Professional Machine Learning Engineer All Questions

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EXAM PROFESSIONAL MACHINE LEARNING ENGINEER TOPIC 1 QUESTION 111 DISCUSSI...

Actual exam question from Google's Professional Machine Learning Engineer

Question #: 111

Topic #: 1

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You need to build classification workflows over several structured datasets currently stored in BigQuery. Because you will be performing the classification several times, you want to complete the following steps without writing code: exploratory data analysis, feature selection, model building, training, and hyperparameter tuning and serving. What should you do?

- A. Train a TensorFlow model on Vertex AI.
- B. Train a classification Vertex AutoML model.
- C. Run a logistic regression job on BigQuery ML.
- D. Use scikit-learn in Notebooks with pandas library.

Show Suggested Answer

by [my9418](#) at Dec. 18, 2022, 2:08 a.m.

Comments

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[hiromi](#) Highly Voted 1 year, 10 months ago

Selected Answer: B

B (similar to question 7)

   upvoted 7 times

  **fitri001** **Most Recent**  6 months, 1 week ago

Selected Answer: B

Vertex AutoML is a Google Cloud Platform service designed for building machine learning models without writing code.expand_more It automates various stages of the machine learning pipeline, including those you mentioned:

Exploratory data analysis



Feature selection

Model building (supports various classification algorithms)

Training

Hyperparameter tuning

   upvoted 2 times

  **M25** 1 year, 6 months ago

Selected Answer: B

Went with B



   upvoted 1 times

  **TNT87** 1 year, 8 months ago

Selected Answer: B

Answer B

   upvoted 1 times

  **ares81** 1 year, 10 months ago

Selected Answer: B

A and D need coding. C is regression, not classification. Hence B.

   upvoted 1 times

  **ares81** 1 year, 10 months ago

My mistake, it's logistic regression, meaning classification. But it still requires some coding. So still B.

   upvoted 3 times

  **mymy9418** 1 year, 10 months ago

Selected Answer: B

BQML will need coding

only AutoML in Vertex AI is codeless from end to end

   upvoted 3 times

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