- Expert Verified, Online, Free.

■ MENU

O

G Google Discussions

Exam Professional Machine Learning Engineer All Questions

View all questions & answers for the Professional Machine Learning Engineer exam

Go to Exam

EXAM PROFESSIONAL MACHINE LEARNING ENGINEER TOPIC 1 QUESTION 110 DISCUSSI...

Actual exam question from Google's Professional Machine Learning Engineer

Question #: 110

Topic #: 1

[All Professional Machine Learning Engineer Questions]

You work for a toy manufacturer that has been experiencing a large increase in demand. You need to build an ML model to reduce the amount of time spent by quality control inspectors checking for product defects. Faster defect detection is a priority. The factory does not have reliable Wi-Fi. Your company wants to implement the new ML model as soon as possible. Which model should you use?

- A. AutoML Vision Edge mobile-high-accuracy-1 model
- B. AutoML Vision Edge mobile-low-latency-1 model
- C. AutoML Vision model
- D. AutoML Vision Edge mobile-versatile-1 model

Show Suggested Answer

by Amil_spyro at Dec. 13, 2022, 9:01 p.m.

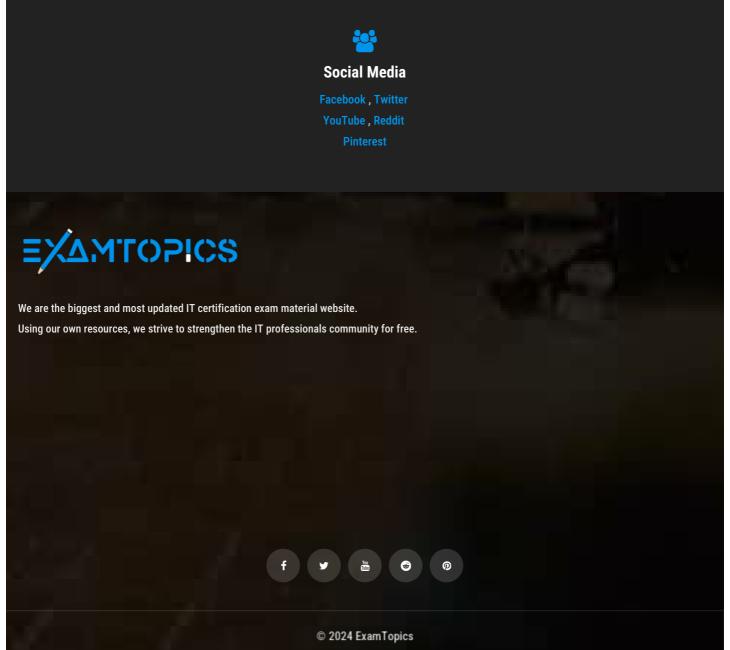
Comments

Type your comment...

Submit

☐ Mil_spyro Highly Voted
☐ 1 year, 10 months ago Hence faster defect detection is a priority, AutoML Vision Edge mobile-low-latency-1 model should be the choice. This model is designed to run efficiently on mobile devices and prioritize low latency, which means that it can provide fast defect detection without requiring a connection to the cloud. https://cloud.google.com/vision/automl/docs/train-edge upvoted 9 times 😑 🏝 maukaba 1 year ago https://cloud.google.com/vertex-ai/docs/training/automl-edge-api 👍 🦰 📂 upvoted 1 times ➡ hiromi Highly Voted
➡ 1 year, 10 months ago Selected Answer: B В "reduce the amount of time spent by quality control inspectors checking for product defects."-> low latency upvoted 6 times ☐ ♣ YushiSato Most Recent ② 2 months, 1 week ago low latency (MOBILE TF LOW LATENCY 1) general purpose usage (MOBILE_TF_VERSATILE_1) higher prediction quality (MOBILE_TF_HIGH_ACCURACY_1) upvoted 1 times = 4 fitri001 6 months ago **Selected Answer: B** The AutoML Vision Edge mobile-low-latency-1 model prioritizes speed over accuracy, making it ideal for real-time defect detection on the factory floor without a stable internet connection. This allows for faster inspections and quicker identification of faulty products. upvoted 2 times 😑 🏜 fitri001 6 months ago Faster Defect Detection: This is the main priority, and the low-latency model is specifically designed for speed. Edge Device Compatibility: The model should run on a device without relying on Wi-Fi. AutoML Vision Edge models are optimized for edge deployments. upvoted 1 times 😑 🏜 fitri001 6 months ago A. AutoML Vision mobile-high-accuracy-1 model: While high accuracy is desirable, faster defect detection is the top priority in this case. This model might be slower due to its focus on accuracy. C. AutoML Vision model: This model is likely designed for cloud deployment and might not be suitable for running on an edge device without reliable Wi-Fi. D. AutoML Vision Edge mobile-versatile-1 model: This model prioritizes a balance between accuracy and latency. While faster than the high-accuracy model, it might be slower than the low-latency model for this specific use case. upvoted 2 times MultiCloudIronMan 6 months, 3 weeks ago **Selected Answer: B** Edge device with low latency upvoted 1 times 🖯 🏜 M25 1 year, 5 months ago Selected Answer: B Went with B upvoted 1 times 🖃 🚨 TNT87 1 year, 7 months ago **Selected Answer: B** Answer B upvoted 1 times ares81 1 year, 9 months ago **Selected Answer: B** It's B. upvoted 1 times ■ mil_spyro 1 year, 10 months ago Selected Answer: B vote B

Start Learning for free



ExamTopics doesn't offer Real Microsoft Exam Questions. ExamTopics doesn't offer Real Amazon Exam Questions. ExamTopics Materials do not contain actual questions and answers from Cisco's Certification Exams.

CFA Institute does not endorse, promote or warrant the accuracy or quality of ExamTopics. CFA® and Chartered Financial Analyst® are

registered trademarks owned by CFA Institute.