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### Exam Professional Machine Learning Engineer All Questions

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## EXAM PROFESSIONAL MACHINE LEARNING ENGINEER TOPIC 1 QUESTION 100 DISCUSSI...

Actual exam question from Google's Professional Machine Learning Engineer

Question #: 100

Topic #: 1

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You are an ML engineer at a manufacturing company. You need to build a model that identifies defects in products based on images of the product taken at the end of the assembly line. You want your model to preprocess the images with lower computation to quickly extract features of defects in products. Which approach should you use to build the model?

- A. Reinforcement learning
- B. Recommender system
- C. Recurrent Neural Networks (RNN)
- D. Convolutional Neural Networks (CNN)

Show Suggested Answer

by [ares81](#) at Dec. 15, 2022, 5:03 p.m.

### Comments

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[MultiCloudIronMan](#) 7 months, 1 week ago

Selected Answer: D

CNN is commonly used for image classifications



   upvoted 2 times

  **Scipione\_** 1 year, 5 months ago

Selected Answer: D

D for sure



   upvoted 1 times

  **M25** 1 year, 6 months ago

Selected Answer: D

Went with D

   upvoted 1 times

  **TNT87** 1 year, 8 months ago

Selected Answer: D

Answer D

   upvoted 1 times

  **FherRO** 1 year, 8 months ago

Selected Answer: D

CNNs commonly used for image classification and recognition tasks.

   upvoted 1 times

  **FherRO** 1 year, 8 months ago

Selected Answer: D

CNN scenario



   upvoted 1 times

  **enghabeth** 1 year, 9 months ago

Selected Answer: D

best way

   upvoted 1 times

  **hiromi** 1 year, 10 months ago

Selected Answer: D

D

CNN is good for images processing

- <https://developers.google.com/machine-learning/practica/image-classification/convolutional-neural-networks>

   upvoted 1 times

  **ares81** 1 year, 10 months ago

Selected Answer: D

Obviously D.

   upvoted 2 times

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