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TO PASS 80% or higher **QUIZ • 30 MIN**

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GRADE
100%

Week 4 Quiz

Week 4 Quiz

LATEST SUBMISSION GRADE
100%

Submit your assignment — Try again

DUE DATE Aug 24, 12:29 PM IST **ATTEMPTS** 3 every 8 hours

1. The diagram for traditional programming had Rules and Data In, but what came out? **1 / 1 point**

Receive grade

TO PASS 80% or higher

Grade
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We keep your highest score

- (•) Answers
- ( ) Binary
- ( ) Machine Learning
- ( ) Bugs

Correct

2. Why does the DNN for Fashion MNIST have 10 output neurons? **1 / 1 point**

- ( ) To make it train 10x faster
- ( ) To make it classify 10x faster
- ( ) Purely Arbitrary
- (•) The dataset has 10 classes

Correct

3. What is a Convolution? **1 / 1 point**

- ( ) A technique to make images smaller
- ( ) A technique to make images larger
- (•) A technique to extract features from an image
- ( ) A technique to remove unwanted images

Correct

4. Applying Convolutions on top of a DNN will have what impact on training? **1 / 1 point**

- ( ) It will be slower
- ( ) It will be faster
- ( ) There will be no impact
- (•) It depends on many factors. It might make your training faster or slower, and a poorly designed Convolutional layer may even be less efficient than a plain DNN!

Correct

5. What method on an ImageGenerator is used to normalize the image? **1 / 1 point**

- ( ) normalize
- ( ) flatten
- ( ) rezize()
- (•) rescale

Correct

6. When using Image Augmentation with the ImageDataGenerator, what happens to your raw image data on-disk. **1 / 1 point**

- ( ) A copy will be made, and the copies are augmented
- ( ) A copy will be made, and the originals will be augmented
- (•) Nothing
- ( ) The images will be edited on disk, so be sure to have a backup