

Graded Quiz: Computer Vision Basics

LATEST SUBMISSION GRADE

100%

1. What is true about Computer Vision?

1 / 1 point

- ☒ Training with a lot of images lets the computer figure out the patterns in the data.

✓ Correct
This answer should be selected

- ☐ We can't use Neural Networks in Computer Vision tasks

- ☒ Computer vision is the field of having a computer understand and label what is present in an image.

✓ Correct
This answer should be selected

- ☐ Computer Vision includes tasks like Image Classification, Object Detection, and Sentiment Analysis.

- ☒ Computer Vision is concerned with the theory and technology for building artificial systems that obtain information from images.

✓ Correct
This answer should be selected

2. Tensorflow has gained immense popularity over the past few months, owing to its power and ease of use.

1 / 1 point

- ☒ True

- ☐ False

✓ Correct
Correct!

3. What's the technique used to treat all the values as between 0 and 1 values?

1 / 1 point

- ☐ Regularization

- ☒ Normalization

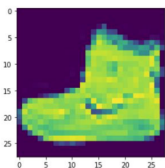
- ☐ Optimization

- ☐ Dropout

✓ Correct
Correct!

4. Consider the following image:

1 / 1 point



What's the training label of this image in the training set?

- ☐ 8

- ☒ 9

- ☐ 6

- ☐ 5

- ☐ 7

✓ Correct
Correct!

5. Which activation function only passes values 0 or greater to the next layer in the network?

1 / 1 point

- ☐ TanH

- ☒ ReLU

- ☐ Sigmoid

- ☐ Softmax

✓ Correct
Correct!

6. "Categorical Crossentropy" is the loss function used while compiling the neural network.

1 / 1 point

- ☐ True

- ☒ False

✓ Correct
Correct! It's Sparse Categorical Crossentropy

7. How many Epochs the neural network was trained with BEFORE repeating the training process?

1 / 1 point

- ☐ 50

- ☒ 10

- ☐ 20

- ☐ 5

✓ Correct
Correct!

8. What is the impact of increasing the number of Neurons in the dense layer?

1 / 1 point

- ☐ Training takes a shorter time

- ☒ Get higher accuracy

✓ Correct
This answer should be selected

- ☐ No impact on Accuracy

- ☐ Training takes the same time

- ☒ Training takes a longer time

✓ Correct
This answer should be selected

- ☐ Get lower accuracy

Activate Windows
Go to Settings to activate Windows.

Activate Windows
Go to Settings to activate Windows.

Activate Windows
Go to Settings to activate Windows.

Activate Windows
Go to Settings to activate Windows.

Activate Windows
Go to Settings to activate Windows.

Activate Windows
Go to Settings to activate Windows.