



QUIZ

Week 3 Quiz

Submit your assignment
DUE Aug 3, 12:29 PM IST ATTEMPTS 3 every 8 hours

Receive grade
TO PASS 80% or higher

Congratulations! You passed!
TO PASS 80% or higher

Keep Learning

GRADE
100%

Week 3 Quiz

LATEST SUBMISSION GRADE
100%

Try again

1. What is a Convolution? 1 / 1 point

- ☐ A technique to make images bigger
- ☐ A technique to filter out unwanted images
- ☐ A technique to make images smaller
- ☒ A technique to isolate features in images

Grade
100%

We keep your highest score



Correct

2. What is a Pooling? 1 / 1 point

- ☐ A technique to isolate features in images
- ☒ A technique to reduce the information in an image while maintaining features
- ☐ A technique to make images sharper
- ☐ A technique to combine pictures

Correct

3. How do Convolutions improve image recognition? 1 / 1 point

- ☐ They make processing of images faster
- ☒ They isolate features in images
- ☐ They make the image smaller
- ☐ They make the image clearer

Correct

4. After passing a 3x3 filter over a 28x28 image, how big will the output be? 1 / 1 point

- ☒ 26x26
- ☐ 28x28
- ☐ 25x25
- ☐ 31x31

Correct

5. After max pooling a 26x26 image with a 2x2 filter, how big will the output be? 1 / 1 point

- ☐ 56x56
- ☒ 13x13
- ☐ 26x26
- ☐ 28x28

Correct

6. Applying Convolutions on top of our Deep neural network will make training: 1 / 1 point

- ☐ Slower
- ☐ Faster
- ☒ 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!
- ☐ Stay the same

Correct