Congratulations! You passed!

TO PASS 80% or higher

Keep Learning

GRADE
100%

Week 3 Quiz

LATEST SUBMISSION GRADE
100%

1. What is a Convolution? — 1 / 1 point

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

Correct

2. What is a Pooling? — 1 / 1 point

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

Correct

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

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

Correct

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

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

Correct

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

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

Correct

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

- Slower
- Faster
- Stay the same
- 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