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

Correct

2. What is a Pooling? — 1 / 1 point

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

Correct

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

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

Correct

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

- 31x31
- 25x25
- 28x28
- (selected) 26x26

Correct

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

- 56x56
- 28x28
- (selected) 13x13
- 26x26

Correct

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

- Faster
- (selected) 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!
- Slower
- Stay the same

Correct