

Week 3 Quiz

TOTAL POINTS 6

1.Question 1

What is a Convolution?

A technique to isolate features in images

2.Question 2

What is a Pooling?

A technique to reduce the information in an image while maintaining features

3.Question 3

How do Convolutions improve image recognition?

They isolate features in images

4.Question 4

After passing a 3x3 filter over a 28x28 image, how big will the output be?

26x26

5.Question 5

After max pooling a 26x26 image with a 2x2 filter, how big will the output be?

13x13

6.Question 6

Applying Convolutions on top of our Deep neural network will make training:

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!

Radio Unchecked

end