

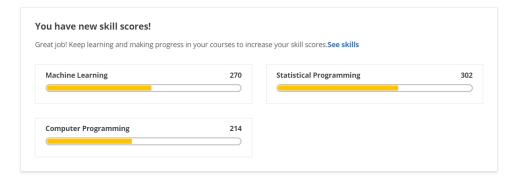
✓ Congratulations! You passed!

TO PASS 80% or higher



GRADE

100%



Week 3 Quiz

LATEST SUBMISSION GRADE 100%			
1.	What is a Convolution? A technique to make images smaller A technique to isolate features in images A technique to filter out unwanted images A technique to make images bigger	1/1 point	
	✓ Correct		
2.	What is a Pooling? A technique to make images sharper A technique to combine pictures A technique to reduce the information in an image while maintaining features A technique to isolate features in images	1/1 point	
	✓ Correct		
3.	How do Convolutions improve image recognition? They make the image clearer They isolate features in images They make processing of images faster They make the image smaller	1/1 point	
	✓ Correct		
	After passing a 3x3 filter over a 28x28 image, how big will the output be? 26x26 28x28 31x31 25x25	1/1 point	
	✓ Correct		

	○ 56x56	
	O 28x28	
	13x13	
	O 26x26	
	✓ Correct	
6.	Applying Convolutions on top of our Deep neural network will make training:	1 / 1 point
	○ Faster	
	Slower	
	(a) 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!	
	O Stay the same	
	✓ Correct	