Multiclass Classifications

- Video: A conversation with Andrew Ng 3 min
- Video: Moving from binary to multi-class classification 44 sec
- **Reading:** Introducing the Rock-Paper-Scissors dataset 10 min
- Video: Explore multi-class with Rock Paper Scissors dataset 2 min
- **Reading:** Check out the code! 10 min
- Video: Train a classifier with Rock Paper Scissors 1 min
- **Reading:** Try testing the classifier 10 min
- Video: Test the Rock Paper Scissors classifier 2 min
- Reading: What have we seen so far? 10 min
- Quiz: Week 4 Quiz 8 questions

Weekly Exercise- Multiclass classifier

Optional: Ungraded Google Colaboratory environment

Course 2 Wrap up

✓ Congratulations! You passed! GRADE 100% **Keep Learning** TO PASS 80% or Righer 30 MIN

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A copy will be made, and the originals will be augmented

The impact will be added an district to be asset before a backers

Nothing

	week 4 Quiz		
Week 4 Quiz			
LATEST SUBMISSION GRADE			
1(100% Submit your assignment		
1.	DUE DATE Aug 24, 12:29 PM IST ATTEMPTS 3 every 8 hours The diagram for traditional programming had Rules and Data In, but what came out?	1 / 1 point	Try again
	Receive grade Answers To PASS 80% or higher	Grade 100%	View Feedback
	Binary		We keep your highest score
	Machine Learning		
	Bugs		6 P P
	✓ Correct		
2.	Why does the DNN for Fashion MNIST have 10 output neurons?	1 / 1 point	
	O To make it train 10x faster		
	To make it classify 10x faster		
	O Purely Arbitrary		
	The dataset has 10 classes		
	✓ Correct		
3.	What is a Convolution?	1/1 point	
	A technique to make images smaller		
	A technique to make images larger		
	A technique to extract features from an image		
	A technique to remove unwanted images		
	✓ Correct		
	Applying Convolutions on top of a DNN will have what impact on training?	1 / 1 point	
	O It will be slower		
	O It will be faster		
	There will be no impact		
	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		
5.	What method on an ImageGenerator is used to normalize the image?	1 / 1 point	
	normalize		
	flatten		
	rezize()		
	rescale		
	✓ Correct		
6.	When using Image Augmentation with the ImageDataGenerator, what happens to your raw image data on-disk.	1 / 1 point	
	A copy will be made, and the copies are augmented		