

Introduction to Computer Vision

- Video: A Conversation with Andrew Ng 2 min
- Video: An Introduction to computer vision 2 min
- **Reading:** Exploring how to use data 10 min
- Video: Writing code to load training data 2 min
- **Reading:** The structure of Fashion MNIST data 10 min
- Video: Coding a Computer Vision Neural Network 2 min
- **Reading:** See how it's done 10 min
- Video: Walk through a Notebook for computer vision 3 min
- **Reading:** Get hands-on with computer vision 1h
- Video: Using Callbacks to control training 1 min
- Reading: See how to implement Callbacks 10 min
- Video: Walk through a notebook with Callbacks 1 min
- **Quiz:** Week 2 Quiz 8 questions

Weekly Exercise -**Implement a Deep Neural** Network to recognize handwritten digits

Optional: Ungraded Google Colaboratory environment

✓ Congratulations! You passed! GRADE 100% **Keep Learning** TO PASS 80% or QUIZ

TO FA33 80 % Of Higher		
Week 2 Quiz		
Wook 2 Ouiz		
Week 2 Quiz		
100%		
Submit your assignment		- Try again
DUE DATE Jul 13, 12:29 PM IST ATTEMPTS 3 every 8 hours 1. What's the name of the dataset of Fashion images used in this week's code?	1 / 1 point	,
Fashion Tensors	et.	
Receive grade Fashion MNISTO PASS 80% or higher	Grade 100%	View Feedback
Fashion MN		We keep your highest score
Fashion Data		
		♦ ♀ ₽
Correct		
2. What do the above mentioned Images look like?	1 / 1 point	
82x82 Greyscale		
28x28 Color		
28x28 Greyscale		
100x100 Color		
Correct		
3. How many images are in the Fashion MNIST dataset?	1 / 1 point	
O 42		
70,000		
10,000		
60,000		
✓ Correct		
Correct		
4. Why are there 10 output neurons?	1/1 point	
To make it classify 10x faster		
There are 10 different labels		
To make it train 10x faster		
Purely arbitrary		
✓ Correct		
·		
E. What does Dalinda		
5. What does Relu do?	1 / 1 point	
It only returns x if x is less than zero		
For a value x, it returns 1/x		
It only returns x if x is greater than zero It returns the pogative of x		
It returns the negative of x		
✓ Correct		
6. Why do you split data into training and test sets?	1 / 1 point	
To train a network with previously unseen data	F	
To make training quicker		
, , to make diaming quieker		

To test a network with previously unseen data

O To make testing quicker