



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



The structure of Fashion MNIST data

Here you saw how the data can be loaded into Python data structures that make it easy to train a neural network. You saw how the image is represented as a 28x28 array of greyscales, and how its label is a number. Using a number is a first step in avoiding bias -- instead of labelling it with words in a specific language and excluding people who don't speak that language! You can learn more about bias and techniques to avoid it [here](#).

✓ Complete

Go to next item

