



Hyperparameter Tuning

Batch Normalization

- ✓ **Reading:** Clarification about Upcoming Normalizing Activations in a Network Video
1 min
- ✓ **Video:** Normalizing Activations in a Network
8 min
- ✓ **Video:** Fitting Batch Norm into a Neural Network
12 min
- ✓ **Video:** Why does Batch Norm work?
11 min
- ✓ **Video:** Batch Norm at Test Time
5 min

Multi-class Classification

- 📖 **Reading:** Clarifications about Upcoming Softmax Video
1 min
- ▶ **Video:** Softmax Regression
11 min
- ▶ **Video:** Training a Softmax Classifier
10 min

Introduction to Programming Frameworks

- ▶ **Video:** Deep Learning Frameworks
4 min
- ▶ **Video:** TensorFlow
15 min
- 📖 **Reading:** (Optional) Learn about Gradient Tape and More
1 min



Clarifications about Upcoming Softmax Video

Please note that in the next video at 4:30, the text for the softmax formulas mixes subscripts "j" and "i", when the subscript should just be the same (just "i") throughout the formula.

So the formula for softmax should be:

$$a^{[L]} = \frac{e^{z^L}}{\sum_{i=1}^4 t_i}$$

Mark as completed

