



## Introduction

✓ **Video:** Introduction, A conversation with Andrew Ng  
4 min

✓ **Reading:** Before you Begin: TensorFlow 2.0 and this Course  
10 min

## Larger Dataset

▶ **Video:** A conversation with Andrew Ng  
1 min

✓ **Reading:** The cats vs dogs dataset  
10 min

✓ **Video:** Training with the cats vs. dogs dataset  
2 min

✓ **Reading:** Looking at the notebook  
10 min

✓ **Video:** Working through the notebook  
4 min

✓ **Reading:** What you'll see next  
10 min

✓ **Video:** Fixing through cropping  
49 sec

✓ **Video:** Visualizing the effect of the convolutions  
1 min

✓ **Video:** Looking at accuracy and loss  
1 min

✓ **Reading:** What have we seen so far?  
10 min

🔒 **Quiz:** Week 1 Quiz  
8 questions

▶ **Video:** Week 1 Wrap up



# What have we seen so far?

**At the end of the last video you saw how to explore the training history and discovered an interesting phenomenon: Even though the training data set's accuracy went very high, we saw that after only a few epochs, the validation set levelled out. This is a clear sign that we are overfitting again. Using more data should help with this, but there are some other techniques that you can use with smaller data sets too. And we'll see them in next week's lesson!**

✓ Complete

Go to next item

