



## Augmentation

- ✓ **Video:** A conversation with Andrew Ng  
2 min
- ✓ **Reading:** Image Augmentation  
10 min
- ✓ **Video:** Introducing augmentation  
2 min
- ✓ **Reading:** Start Coding...  
10 min
- ✓ **Video:** Coding augmentation with ImageDataGenerator  
3 min
- ✓ **Reading:** Looking at the notebook  
10 min
- ✓ **Video:** Demonstrating overfitting in cats vs. dogs  
1 min
- ✓ **Reading:** The impact of augmentation on Cats vs. Dogs  
10 min
- ▶ **Video:** Adding augmentation to cats vs. dogs  
1 min
- 📖 **Reading:** Try it for yourself!  
10 min
- ▶ **Video:** Exploring augmentation with horses vs. humans  
1 min
- 📖 **Reading:** What have we seen so far?  
10 min
- 🔒 **Quiz:** Week 2 Quiz  
8 questions
- ▶ **Video:** Week 2 Wrap up  
37 sec



# The impact of augmentation on Cats vs. Dogs

Now that we've seen it overfitting, let's next look at how, with a simple code modification, we can add Augmentation to the same Convolutional Neural Network to see how it gives us better training data that overfits less!

✓ Complete

Go to next item

