Transfer Learning

- ✓ **Video:** A conversation with Andrew Ng
  3 min
- ✓ **Video:** Understanding transfer learning: the concepts
  2 min
- ✓ **Reading:** Start coding!
  10 min
- ✓ **Video:** Coding transfer learning from the inception mode
  1 min
- ✓ **Reading:** Adding your DNN
  10 min
- ▶ **Video:** Coding your own model with transferred features
  2 min
- 📖 **Reading:** Using dropouts!
  10 min
- ▶ **Video:** Exploring dropouts
  1 min
- 📖 **Reading:** Applying Transfer Learning to Cats v Dogs
  10 min
- ▶ **Video:** Exploring Transfer Learning with Inception
  1 min
- 📖 **Reading:** What have we seen so far?
  10 min
- 🔒 **Quiz:** Week 3 Quiz
  8 questions
- ▶ **Video:** Week 3 Wrap up
  36 sec

Weekly Exercise- Transfer Learning

Optional: Ungraded Google Colaboratory environment

Adding your DNN

In the previous video you saw how to take the layers from an existing model, and make them so that they don't get retrained -- i.e. you freeze (or lock) the already learned convolutions into your model. Now, you'll need to add your own DNN at the bottom of these, which you can retrain to your data. In the next video you'll see how to do that...

✓ Complete   Go to next item