



Using Real-world Images

- ✓ **Video:** A conversation with Andrew Ng
2 min
- ✓ **Reading:** Explore an impactful, real-world solution
10 min
- ✓ **Video:** Understanding ImageGenerator
4 min
- ✓ **Reading:** Designing the neural network
10 min
- ✓ **Video:** Defining a ConvNet to use complex images
2 min
- ✓ **Reading:** Train the ConvNet with ImageGenerator
10 min
- ✓ **Video:** Training the ConvNet with fit_generator
2 min
- ✓ **Reading:** Exploring the solution
10 min
- ✓ **Video:** Walking through developing a ConvNet
2 min
- ✓ **Reading:** Training the neural network
10 min
- ✓ **Video:** Walking through training the ConvNet with fit_generator
3 min
- ✓ **Reading:** Experiment with the horse or human classifier
1h
- ✓ **Video:** Adding automatic validation to test accuracy
4 min
- ✓ **Reading:** Get hands-on and



Get hands-on and use validation

Now you can give it a try for yourself. [Here's](#) the notebook the Laurence went through in the video. Have a play with it to see how it trains, and test some images yourself! Once you're done, move onto the next video where you'll compact your data to see the impact on training.

✓ Complete

Go to next item

