

## 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 with compacted images

Try [this](#) version of the notebook where Laurence compacted the images. You can see that training times will improve, but that some classifications might be wrong! Experiment with different sizes -- you don't have to use 150x150 for example!

✓ Complete

Go to next item

