



## A new programming paradigm

- ✓ **Reading:** Before you begin: TensorFlow 2.0 and this course  
10 min
- ✓ **Video:** Introduction: A conversation with Andrew Ng  
3 min
- ✓ **Video:** A primer in machine learning  
3 min
- ✓ **Video:** The 'Hello World' of neural networks  
5 min
- ✓ **Reading:** From rules to data  
10 min
- ✓ **Video:** Working through 'Hello World' in TensorFlow and Python  
3 min
- ✓ **Reading:** Try it for yourself  
10 min
- 🔒 **Quiz:** Week 1 Quiz  
8 questions

## Weekly Exercise - Your First Neural Network

### Optional: Ungraded Google Colaboratory environment



# Try it for yourself

Ok, now that you've seen me do it, why don't you give it a try for yourself. You can download the workbook [here](#) if you want to try it out for yourself. Or, if you prefer, you can execute it right now in Google Colaboratory [at this link](#).

Now while this might seem very simple, you've actually gotten the basics for how neural networks work. As your applications get more complex, you'll continue to use the same techniques. For now, let's do a quick test with Multiple Choice Questions to see what you've learned.

✓ Complete

Go to next item

