



Your goal is to automatically detect the letter based on the image in the dataset. You'll be working on your own computer for this lab, so, first things first, install TensorFlow!

Install

As usual, we'll be using Conda to install TensorFlow. You might already have a TensorFlow environment, but check to make sure you have all the necessary packages.

OS X or Linux

Run the following commands to setup your environment:

```
conda create -n tensorflow python=3.5
source activate tensorflow
conda install pandas matplotlib jupyter notebook scipy scikit-learn
pip install tensorflow
```

Windows

And installing on Windows. In your console or Anaconda shell,

```
conda create -n tensorflow python=3.5
activate tensorflow
conda install pandas matplotlib jupyter notebook scipy scikit-learn
pip install tensorflow
```

Hello, world!

Try running the following code in your Python console to make sure you have TensorFlow properly installed. The console will print "Hello, world!" if TensorFlow is installed. Don't worry about understanding what it does. You'll learn about it in the next section.