Installing Tensorflow:

You will need to *install Tensorflow before coming to the tutorials*. There are various options for how to install Tensorflow (see various options [here](#)), but a recommended way is to use Anaconda. Here are the step-by-step instructions:

1. Download the Python 3.7 version of Anaconda from [here](#).

2. Open a terminal window using, for example, the Terminal program on a Mac computer. OR Open the Anaconda Navigator and click on "Environments". Then click on the triangle next to the word "root" and select "Open Terminal".

3. Create a virtual environment called "tensorflow" by typing into the terminal:
   - conda create -n tensorflow pip python=3.6
   - source activate tensorflow
   - pip install --ignore-installed --upgrade *packageURL*pip install --upgrade tensorflow
   - pip install --upgrade matplotlib

   where *packageURL* is the url found [here](#) (depends on your type of computer)

4. Test that everything worked by typing the following commands into the terminal. If everything worked properly, you will not get any error messages.
   - pythonw
   - import tensorflow
   - import matplotlib.pyplot as plt

5. If you are familiar with running code from a terminal, then you can stop here. Otherwise, do the following:
   - Close the terminal.
   - Open the Anaconda Navigator and click on "Home".
   - From the dropdown menu labelled "Applications on", select "tensorflow"
   - Click the "Install" button in the "Spyder" box