**Software Pre-requisites**

Python 3.6 & the Jupyter Notebook (<https://test-jupyter.readthedocs.io/en/latest/install.html>) is required for this tutorial.

For new users:

If you are using Windows or Mac, I highly recommend anaconda: <https://www.anaconda.com/download/>. It is easy to install and gives you all the bits you will need for these interactive tutorials. Anaconda installs Python, the Jupyter Notebook, and other commonly used packages for data science.

If you are using Linux, I recommend using anaconda/miniconda to set up an environment for Python 3.6, especially if your system interpreter is Python 2.

We require the Python library scikit-learn (http://scikit-learn.org/stable/), a machine learning library for the Python programming language. If using conda/miniconda, this can be installed with:

**$ conda install scikit-learn**

Or otherwise with pip using the command:

**$ pip install scikit-learn**

We will manage some of the data using the Pandas package. It is included with anaconda but can be installed with **$ conda install pandas** or **$ pip install pandas**.

Finally, we need Seaborn which is a Python data visualization library based on matplotlib. The library can be installed with **$ conda install seaborn** or **$ pip install seaborn**.