

ECE P 595: Spring 2020
Lab 0
Setup and Installation

We will be using Jupyter Notebooks for our lab programming exercises.
The following instructions can be used to setup Anaconda and Jupyter on your local machines.
The Jupyter Notebooks contain all the programming instructions.
The completed Jupyter Notebooks needs to be submitted on Canvas for evaluation.

Resource: https://jupyter-notebook-beginner-guide.readthedocs.io/en/latest/what_is_jupyter.html

1. Anaconda setup:

Note: Choose the Python 3.7 version

- Linux: <https://docs.anaconda.com/anaconda/install/linux/>
 - Windows: <https://docs.anaconda.com/anaconda/install/windows/>
 - Mac: <https://docs.anaconda.com/anaconda/install/mac-os/>
2. Create a virtual environment: <https://uoa-ereseach.github.io/ereseach-cookbook/recipe/2014/11/20/conda/>
3. Verify that Jupyter Notebook is working by using the ‘jupyter notebook’ command in your Anaconda Prompt (Windows) or Command Prompt (Mac/Linux)
4. Run the following commands to install dependencies for Lab 1

```
conda install scikit-learn pandas numpy matplotlib
```