

# ECE4179

## Jupyter basics

In this unit we are going to predominantly use [Jupyter Notebook](#) through the [Anaconda Navigator](#).

For every lab there will be a zip file with at least one notebook with the skeleton code for the lab and sometimes a dataset. Create a new folder for each lab and put the contents of the zip file inside.

From the start menu open the Anaconda Navigator application and launch Jupyter. Once you are there find the Ipython notebook and open it.

There are a few ways to run a Jupyter Notebook, you can run the whole notebook by selecting Kernel → Run All, or pressing Shift→Enter once you've selected a cell (or Ctl→ Enter if you don't want to move to the next tab). You can find a Jupyter Notebook cheat sheet [here](#).

Work your way through the Python Tutorial notebook and try to test your understanding of Python with the Python exercise notebook.

A solid knowledge of Python programming will be essential for this unit and time will need to be taken outside of the labs to get familiar with it, a good place to start are the official Python [Tutorials](#).