How to Plot with Python

Get Canopy

Easy because it comes with a GUI package manager and with Numpy, Matplotlib, Sciplot

* <https://www.enthought.com/products/canopy/>

\*\* Get academic account to get full access (Use .edu email)

OR

Alternatively can get python separately

(I would go with 2.7, 3+ is different and has less support)

* <https://www.python.org/download/releases/2.7/>
* <http://www.numpy.org/>
* <http://www.scipy.org/>
* <http://matplotlib.org/downloads.html>

Manage packages with pip or manually

Use your favorite Text editor

* Sublime
* Vim
* Canopy has a built in

Some templates can be found at the following GitHub repo

* <https://github.com/ZanderUF/Plotting-with-Python.git>

Can clone via command line

* *$* git clone <https://github.com/ZanderUF/Plotting-with-Python.git>
  + *clones into your current directory*
* In browser: go to URL 🡪 Click button on right side that says clone into desktop.

Run Python

* *$* python name\_of\_your\_program.py

In Canopy’s editor you can click the “play” button in the top to run.

* Requires the python “kernel” to be running or it will complain
  + Kernel running is indicated by the space ship looking thing being opened.