

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.