**Python basics:**

1. Install Python (3.6 64bit best atm) and IDLE

2. command prompt basics: cd and dir (linux/ma & pc)

Import os

os.getcwd()

os.chdir(path)

\Users\steven.hurwitt\AppData\Local\Programs\Python\Python36\Scripts\

3. Find dir of python & pip (nav to directory above) and install packages

i.e. numpy, scipy, tensorflow, matplotlib, jupyter, ipython, pandas, etc with:

pip install (package)

4. Code: Basics – variables, strings, lists, queues, etc

5. Medium basics – for, while loops, functions

6. Advanced basics – reading writing data

7. Jupyter/ipython notebooks

8. Pandas for data frames

9. Matplotlib for plots

10. Scipy for regression/logistic, other learning alg’s, Numpy for linear algebra etc

11. Tensorflow for neural nets (only works on non-windows)