

1. Resources

a. Python

i. Getting setup

1. Python

- a. <https://www.python.org/downloads/>

2. Jupyter

- a. Incredible IDE for shareable Data Science development
- b. <https://jupyter.org/install>

3. Package management

a. Anaconda

- i. <https://www.anaconda.com/>

b. Pip

- i. https://pip.pypa.io/en/stable/user_guide/

ii. Language basics

1. <https://www.w3schools.com/python/>

iii. Numpy

1. Python Arrays with additional features, used extensively in Data Science and Deep Learning → Tensorflow which should really be called NumpyFlow :)
2. <https://numpy.org/>

iv. Pandas

1. Dataframe API to analyze and query data
2. <https://pandas.pydata.org/>

v. Matplotlib

1. Visualization API e.g., charts, and custom visualizations
2. <https://matplotlib.org/>

vi. Scikit-learn

1. Extremely popular Machine Learning API for Python
2. <https://scikit-learn.org/stable/>