

Lecture 1 – Introduction

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Environment Set-Up

- In this course we will use **Jupyter notebook**, you can get it in this link: <https://jupyter.org> or download **Anaconda** from this link <https://www.anaconda.com/products/individual>
- To use Jupyter online use this link: <https://jupyter.org/try> and click on “Try Classic Notebook”
 - [Download Python | Python.org](#) download python
 - Add python to [path](#)
 - Install [pip](#)
 - `python -m pip install jupyter --user //install jupyter notebook`
 - `Python -m notebook // run juoyter notebook`
- Feel free to use whatever integrated development environment (**IDE**) you prefer



Python

- Introduction to python
- Numpy: is a library for python that uses to deal with arrays
- Pandas: is an open source library providing high-performance, easy-to-use data structures and data analysis tools for the Python programming language.
- Scikit-Learn: is a library for Python that contains a range of useful algorithms that can easily be implemented and tweaked for the purposes of classification and other machine learning tasks.

