# Setting up Anaconda

This guide shows you how to setup your Anaconda environment (for using Python) to carry out data analytics and machine learning tasks.

Anaconda is an integrated development environment (IDE) for executing Python scripts, commonly referred to as Python notebooks. You shall be using Python 3.8 for this course.

* Download Anaconda from the following link. Select Python 3.8 version:

<https://www.anaconda.com/distribution/>

* Install Anaconda.
* Launch an Anaconda Prompt terminal.
  + In Windows: Click Start and search for Anaconda Prompt.
  + In macOS: Open Spotlight Search and type Navigator to open the program.
  + In Linux: Open Applications -> System Tools -> Terminal.
* Install the following packages by typing either “pip install *nameofpackage*”, or alternatively “conda install -c conda-forge *nameofpackage*”. For example, to install ‘pandas’ you would type “pip install pandas” or “conda install -c conda-forge pandas” in the Anaconda Prompt.
  + pandas
  + numpy
  + pandas
  + seaborn
  + scikit-learn
  + pdpbox
  + Pycebox
  + eli5

* Start the Jupyter notebook server by typing “jupyter notebook” in the Anaconda Prompt.
* Navigate to the port that Jupyter directs you to on your machine.
* That’s it! You are now ready to run Python notebooks on your machine.