**Day 3 - Modules and pip in Python!**

Module is like a code library which can be used to borrow code written by somebody else in our python program. There are two types of modules in python:

1. Built in Modules - These modules are ready to import and use and ships with the python interpreter. there is no need to install such modules explicitly.
2. External Modules - These modules are imported from a third party file or can be installed using a package manager like pip or conda. Since this code is written by someone else, we can install different versions of a same module with time.

**The pip command**

It can be used as a package manager [pip](https://pip.pypa.io/en/stable/) to install a python module. Lets install a module called pandas using the following command

**pip install pandas**

**Using a module in Python (Usage)**

We use the import syntax to import a module in Python. Here is an example code:

import pandas

**# Read and work with a file named 'words.csv'**

**df = pandas.read\_csv('words.csv')**

**print(df) # This will display first few rows from the words.csv file**

Similarly we can install other modules and look into their documentations for usage instructions.  
We will find ourselved doing this often in the later part of this course