Modules in Python

Module	Uses	Importing
Numpy	It has advanced math functions and a rudimentary scientific computing package.	import numpy import numpy as np
Pandas	-a must for data-science. -It provides fast, expressive, and flexible data structures to easily (and intuitively) work with structured (tabular, multidimensional, potentially heterogeneous) and time-series data.	import pandas import pandas as pd
Matplotlib	helps with data analyzing, and is a numerical plotting library.	import matplotlib import matplotlib.pyplot as plt
Scikit-Learn	-the primary library for machine learning. -It has algorithms and modules for pre-processing, cross-validation, and other such purposes. -Some of the algorithms deal with regression, decision trees, ensemble modeling, and non-supervised learning algorithms like clustering.	import scikit learn import scikit learn as sklearn

Scipy	-for scientific and technical computing. -It has modules for optimization, linear algebra, integration, interpolation, special functions, FFT, signal and image processing, ODE solvers, and other tasks.	import scipy import scipy as sp
Scrapy	- for purposes from data mining to monitoring and automated testing.	import scrapy
Requests	-a Python Library that lets you send HTTP/1.1 requests, add headers, form data, multipart files, and parameters with simple Python dictionaries. -lets you access the response data in the same way.	import requests

❖ **Importing Modules:**

To make use of the functions in a module, you'll need to import the module with an import statement.

An import statement is made up of the import keyword along with the name of the module.