NumPy

Example: import numpy as np

Provides fast precompiled functions for numerical routines. It's very easy to work with large multidimensional arrays and matrices using NumPy.

Scipy

Example: import scipy as sp

Provides convenient and fast N-dimensional array manipulation. SciPy has modules for optimization, linear algebra, integration and other common tasks in data science.

Matplotlib

Example: import matplotlib.pyplot as plt

Python module for visualization.

Scikit-Learn

Example: from sklearn import datasets

Python module for machine learning built on top of SciPy. It provides a set of common machine learning algorithms to users through a consistent interface.

Pandas

Example: import pandas as pd

Python module that contains high-level data structures and tools designed for fast and easy data analysis operations. Pandas is built on NumPy.