

## Python Standard Library

The Python Standard Library is a collection of built-in modules that come with Python. These modules help you do common tasks like reading files, working with dates, or handling math — without installing anything extra.

### Popular Extra Python Libraries:

- **TensorFlow** – For machine learning and deep learning.
- **Matplotlib** – For creating charts and graphs.
- **Pandas** – For handling and analyzing data.
- **NumPy** – This is for working with numbers and large arrays.
- **SciPy** – For scientific and technical computing.
- **Scrapy** – For web scraping (getting data from websites).
- **Scikit-learn** – For machine learning (like predictions and classifications).
- **PyGame** – For building games with graphics and sound.
- **PyTorch** – For deep learning and neural networks.
- **PyBrain** – For beginners in machine learning and AI.

There are many more libraries in Python. We can use a suitable library for our purposes. Hence, Python libraries play a very crucial role and are very helpful to the developers.