**NUMPY (Numerical Python)**

**What is NumPy?**

NumPy (**Numerical Python**) is a Python library that provides fast, efficient, and easy-to-use mathematical functions for working with large datasets. It is widely used in:  
✔ Data Science  
✔ Machine Learning  
✔ Scientific Computing  
✔ Image Processing

* NumPy is a Python library used for working with **arrays.**
* It also has functions for working in domain of linear algebra, Fourier transform, and matrices.
* NumPy was created in 2005 by **Travis Oliphant**. It is an open source project and you can use it freely.