### **Pandas**

* **What It Does:** Helps you handle and analyze data in tables (like spreadsheets).
* **Main Features:** Makes it easy to read, clean, and manipulate data.

### **Numpy**

* **What It Does:** Provides powerful tools for working with numbers and arrays.
* **Main Features:** Handles large data sets and performs complex math operations quickly.

### **TensorFlow**

* **What It Does:** Helps you build and train machine learning models.
* **Main Features:** Supports deep learning and complex algorithms for tasks like image and language processing.

### **Keras**

* **What It Does:** Offers a simple way to build and train neural networks.
* **Main Features:** Makes working with TensorFlow (or other backends) easier with a user-friendly interface.

### **scikit-learn (sklearn)**

* **What It Does:** Provides tools for basic machine learning tasks.
* **Main Features:** Includes algorithms for classifying, predicting, and grouping data.

### **PyTorch**

* **What It Does:** Helps you build and train machine learning models with a focus on flexibility.
* **Main Features:** Allows easy experimentation with neural networks and is great for research.