Libraries used for AI in Python

We all know that python is one of the most popular programming languages because of the easy way of using it. As in writing its' codes similar the English sentence. Also, can be adapted with the data and the orders which is very useful in machine learning and AI models.

In python we can save time in the programming through that libraries as it's some of routines and function that was pre-collected and can be reused at is open source, free, has multilabel uses

And now we will know the best python AI libraries:

- **Pandas:**
  - It is for data manipulation and analysis, especially working with tabular data.
  - Easily read and write data to various file formats, such as CSV, Excel, databases, etc.
- **NumPy:**
  - It is a numerical library for tasks that depend on scientific computations. As it provides support for large, arrays and matrices, and is equipped with mathematical functions to operate on the arrays.
- **TensorFlow:**
  - It is a free, open-source Python library developed by Google. This library enables users to construct deep learning and machine learning models due to its ability to perform numerical computations at a high level.
- **Matplotlib:**
  - It is diagram library, has the ability to generate statics, animated, and interactive visualizations.
  - It acts as the foundation for many advanced data visualizations.
- **Scikit-Learn:**
  - Its prediction modeling abilities as it is being trained to detect spam or recognize images
- **Seaborn:**
  - It is for making statistical graphics in Python. It builds on top of matplotlib and integrates closely with "Pandas" data structures. Seaborn helps you explore and understand your data

Also, we have the below libraries:

- Keras – Scipy – Ploty – PyTorch - Theano