1. **Pandas**

Introduction:Open source python library used for data analysis and

manipulation.

Key Features: Provides DataFrames and Series for analysing, cleaning, exploring

and manipulating data.

1. **Numpy**

Introduction: Foundational library in Python used for numerical computations.

Key Features: Provides functions for working with arrays, linear algebra, fourier

Fourier transform, matrices etc.

1. **Tensorflow**

Introduction**:** An end-to-end platform for machine learning and artificial

Intelligence.

Key Features: TensorFlow boasts of a flexible and comprehensive collection of

libraries, tools, and community resources used for building and

training neural networks.

1. **Keras**

Introduction: Keras is a high-level neural networks API, written in Python, that

runs on top of lower-level deep learning frameworks such as

TensorFlow, Microsoft Cognitive Toolkit (CNTK), or Theano.

Key Features: Designed for fast experimentation and it’s modular, easy to extend

and widely used for deep learning tasks.

1. **Sklearn**(Scikit-learn)

Introduction: Popular Python library for machine learning, providing simple and

efficient tools for data mining and data analysis.

Key Features: Easy-to-use interface, comprehensive documentation, and

integration making it a go-to tool for building and evaluating

machine learning models.

1. **Pytorch**

Introduction: Open-source deep learning framework developed by Facebook's AI

Research lab.

Key Features: Provides a flexible and dynamic computation graph, which allows

for intuitive model building and debugging.