

**Write short notes on the following python libraries:**

**Pandas**

It is a Python library for data manipulation and analysis with data structures, time series and numerical tables.

Major operations : merging, selecting, data cleaning, reshaping.

**Numpy**

It provides support for large, multi dimensional arrays and matrices and operations related to them like linear algebra and statistical operations.

**Tensorflow**

It is an open source library for machine learning and AI with focus on training and inference of deep neural networks.

**Keras**

Open source library that provides Python interface for artificial neural networks. It is integrated into the Tensorflow library.

**Sklearn**

It is an open source machine learning library of Python. It provides simple and efficient tools for data mining and data analysis. It's also known as scikit-learn.

**Pytorch**

Python library used for applications like computer vision, natural language processing and deep learning.