**Q. Write a short note on the following python libraries:**

1. Pandas
2. NumPy
3. TensorFlow
4. Keras
5. Sklearn
6. Pytroch

Ans: Pandas

* Used for working with data sets
* Function for cleaning, exploring and manipulating data
* Important in data science
* Allows to analyze big data and statistical theories

NumPy

* It is python library
* Function for working in linear algebra and matrices
* Stands for Numerical Python
* To provide an array object

TensorFlow

* Open-source machine learning
* Developed by google
* Software library for numerical computation

Keras

* Open-source high-level Neural Network library
* Use for the Backend library
* Supports fast prototyping
* Easy to learn and use

Sklearn

* Use for regression
* Stands for Scikit-learn
* Useful library for machine learning
* Effective tools for data analysis

Pytroch

* Neural network layers
* GPU- accelerated tensor computational framework
* Executed instead of enqueued in static graph