



Academic Year: 2022-2023

Semester : VI

Class / Branch / Div : T.E / I.T / A&B

Subject: DS Using Python Skill based Lab

List of Experiments

1. To understand the process of data preparation using NumPy and Pandas.
2. To visualise data using Matplotlib and Seaborn.
3. To implement data modelling using basics of statistics.
4. To implement statistical hypothesis test using Scipy.
5. To perform Logistic Regression to find relation between variables and predict output.
6. To choose classifier for classification problem and evaluate the performance.
7. To implement Clustering algorithms for unsupervised classification.
8. To develop a recommendation system using any machine learning techniques.
9. To implement exploratory data analysis using Apache Spark and Pandas.
10. To perform real-time data analytics using Spark Streaming.
11. To visualize data using Folium,
12. Implementation of Mini project using Data science and Machine learning.

Prof. Anagha Aher

Prof. Sonal Balpande

Subject In-Charge

Dr. Kiran Deshpande

Head of Department