DATA SCIENCE
Summer of science
From 23th may 2023 to 20th July 2023

NAME: lomisa lakshman kumar
ROLL NO: 210110073
DEPT: MEMS (2nd-year btech)
MENTOR: Sanket

PLAN OF ACTION FOR 8 WEEKS

Week1: Introduction to Data Science , learning Python and data science libraries.

Week 2: Data Manipulation and Visualization using Matplotlib

Week3: fundamentals of machine learning like supervised and unsupervised learning and linear and logistic regression in phython and introduction to random forests.

Week4: Advanced ML like SVM,DBSCAN,PCA.. Etc and Introduction to neural networks and deep learning

MIDTERM REPORT.......

Week5: Data science in action like NLP,sentiment and text analysis , introduction to recommendation systems

Week6: Big data and cloud computing

Week7:Development and model management

Week8: Work on a data science real world examples, applying all the skills and techniques learned throughout the course

END TERM REPORT......