



DIPTA CHATTERJEE

BSC PHYSICS[CITY COLLEGE,PASSED WITH 69%]

MSC DATA SCIENCE[KALYANI UNIVERSITY,3RD SEMESTER]



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- **Programming languages:**
Python,C
- **Dbms Knowledge:**
Mysql
- **Data Analysis Tools:**
Numpy,Panda,Matplotlib,Scikitlearn, Tensorflow,keras,Nltk,Bert

ABOUT ME

An independent and self motivated student with the urge for learning new topics and experienced in working in Data analysis with statistics and looking for a job and internship opportunity in the field of Data science or Data Engineering that involves Machine learning.Deep learning,Computer vision and enabling technologies to handle Big data.

SKILLS

- **Basic Statistics**
- **Model Deploying Tool:**
Flask
- **Visualization tools:**
Tableau
- **Webscrapping tool:**
Beautifulsoup

PROJECTS

HUMAN ACTIVITY RECOGNITION

PERSONAL PROJECT[DATA:KAGGLE] (SEPTEMBER 2021)

- Building a model that predicts the human activities such as Walking, Walking_Upstairs, Walking_Downstairs, Sitting, Standing or Laying.
- Algorithms used: PCA,Kmeans Clustering,Neural Network
- <https://github.com/Dipta-novice/Human-Activity-prediction>

PETROL PRICE PREDICTION USING TIME SERIES ANALYSIS (DECEMBER 21)

PERSONAL PROJECT[DATASET KAGGLE]

- Visualizing Trend,Seasonality and other Components of Time Series
 - Forecast Using various techniques
- <https://github.com/Dipta-novice/Petrol-price-forecasting-time-series-analysis>

DIGITAL ATTENDANCE SYSTEM

COLLABORATED PROJECT (JANUARY 2022)

- Worked on applying Machine learning techniques on a Paper based on "RFID and Image Classification Based Smart Attendance System" With Sayan Chakraborty[Mtech,EE,JU]
- <https://github.com/Dipta-novice/Smart-Attendance-System->

CHATBOT FOR MENTAL HEALTH ISSUES (JANUARY 10-PRESENT)

PERSONAL PROJECT(DATASET IS TAKEN FROM A SURVEY ONLINE)

- Created a Chatbot for preventing suicide using lstm and Nlp tools.
- Libraries used:Nltk,Tensorflow,Bert,
- <https://github.com/Dipta-novice/Chatbots-For-preventing-Mental-health-issues>

EXPERIENCE

VIRTUAL INTERNSHIP PROGRAM(FORAGE)

KPMG(1ST DECEMBER-14 TH DECEMBER)

- EDA and Feature engineering of old customer of a bike company
 - To Specifically target 1000 new customers based on their features
 - RFM Customer Segmentation
- <https://github.com/Dipta-novice/Kpmg-Assignments>

RESEARCH INTERN[UNDER PROF. ABHISHEK DHAR]

JADAVPUR UNIVERSITY(15TH DEC 2021-PRESENT)

- Building a Artificial neural network model to predict percentage of toxin removed from water and formulate a Optimization model.
 - Applying Genetic algorithm and RSM optimization and Analysis of statistical significance of the results obtained, two sample independent t test and one-way ANOVA were carried out
- <https://github.com/Dipta-novice/Tartazene-Removal-ANN-prediction-model>