DIPTA CHATTERJEE

BSC PHYSICS
MSC DATA SCIENCE

[CITY COLLEGE,CALCUTTA UNIVERSITY]
[KALYANI UNIVERSITY,3RDSEMESTER]

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

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**
- **Nlp & CV Tools Nltk,Bert,Elmo,OpenCV**
- **Webscrapping tool: Beautifulsoup**

PROJECTS

PETROL PRICE PREDICTION USING TIME SERIES ANALYSIS (DECEMBER 21)

PERSONAL PROJECT[DATASET KAGGLE]

- Visualizing Trend,Seasonality and other Components of Time Series
- Forcast price for future using ARIMA

https://github.com/Dipta-novice/Petrol-price-forcasting-time-series-analysis

Github Repo:
https://github.com/Dipta-novice? tab=repositories

WEBSCRAPPING

PERSONAL PROJECT (JANUARY 2022)

- Extracting text from 170 urls with Beautifulsoup
- https://github.com/Dipta-novice/Webscrapping-with-beautifulsoup-and-text-Score-analysis

COMPUTER VISION PROJECT

COLLABORATED PROJECT WITH MR. RAM KRISHNA (FEBRUARY 1 -PRESENT)

- Building a End to end application that tells wheather a shop is open or closed from its images
- Verifying wheather the image is from the same shop or not
- https://github.com/Dipta-novice/CV-Retail-description

EXPERIENCE

RESEARCH INTERN (UNDER PROF DIPANKAR DAS)

JADAVPUR UNIVERSITY(CSE)(28TH DECEMBER-PRESENT)

- Experimenting with various algorithms to improve a question answering system for preventing depression and suicide
- Libraries used:Nltk,Tensorflow,Lstm,Bert

INTERNSHIP(UNDER DR.DEBARKA SENGUPTA)

IIIT DELHI,16 FEB 2022-PRESENT

- My joining date for this internship is 16 th February.This internship is about Computational Biology and cancer research

RESEARCH INTERN[UNDER PROF. PAPITA DAS

JADAVPUR UNIVERSITY(CE)(15TH DEC 2021-FEB 25 2022)

- Applying CTGAN(Python)model for synthetic tabular data generation
- Building a Artificial neural network(Python) model to predict percentage of toxin removed from water
- Comparing the results CTGAN and ANN
- Applying Genetic algorithm(Python)
- RSM optimization with R
- Two sample independent t test and one-way ANOVA were carried out(Minitab)

https://github.com/Dipta-novice/Tartazene-Removal-ANN-prediction-model