Samrat Kundu

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As a data enthusiast with a passion for uncovering insights and driving business growth, I am excited to apply my skills and knowledge to the role of a data analyst. With a strong foundation in statistics, programming, and data visualization, I am adept at analysing complex datasets and communicating my findings in a clear and compelling manner. My ability to think critically and creatively, combined with my attention to detail and results-oriented approach, make me an asset to any data-driven team.

EDUCATION

Bachelor of Arts in Bengali Literature (Hons) | August 2016 – April 2019
Barasat Government College, Kolkata - 700124.

SKILLS

Communication	SQL, Python	Hypothesis Testing
Time Management, Teamwork	Excel, Power BI	Data Storytelling
Decision Making	Ms Office	Statistical Analysis

PROJECTS

Web Scraping & Analysis - IMDb TOP 500 Movies

- Built a **Python automation** system using **Jupyter Notebook**, **Requests**, and **Beautiful Soup** to scrape data from the **IMDb** website.
- Conducted **exploratory data analysis** using Pandas to gain insights into the top 500 movies on IMDb.
- Performed **statistical analysis** and outlier detection to identify trends and patterns in the data.
- Created visualizations using **Matplotlib** and Seaborn, including a word cloud for the genre of the top 500 movies.

Titanic – Machine Learning from Disaster | Survival Prediction

- Developed a **predictive classification model** using Python and various **machine learning** algorithms to predict the survival rate of the historical disaster of Titanic.
- Conducted exploratory data analysis and visualization using **Pandas**, **NumPy**, and **Seaborn** to gain insights into the data.
- Performed **outlier analysis**, **feature engineering**, and **feature scaling** to improve the performance of the model.
- Built a **robust** and **82% accurate** model that effectively **predicts the survival rate** of passengers on the Titanic.

MySQL and Power BI Project - Retail Sales Analysis | Dashboard

- Utilized **MySQL** to create a table and import data for **retail sales analysis**.
- Conducted exploratory data analysis to gain **insights into the data** and answered the top 10 business questions.
- Created an **interactive dashboard** using **Power BI** to visualize and present the results of the analysis.

Chicago Crime - Data Analysis | SQL Queries | Visualization

- Conducted data preprocessing using Pandas in Python and performed exploratory data analysis with both **SQLite** and Pandas simultaneously.
- Created visualizations using Matplotlib, Seaborn, and **Plotly Express** to present the results of the analysis.
- Generated a **clustered heat-map** using **Folium** to provide a geographical representation of the data.

HOBBIES & INTERESTS

- Computer Enthusiast.
- Reading Books and Articles.
- Music Teacher, Song Writer, Composer.
- Playing Musical Instruments like Guitar, Ukulele, Bass, Drums.
- Editing Photos & Videos.