SAMRAT KUMAR DEV SHARMA

(+880) 01751341969 | samratkumardev2001@gmail.com
https://www.linkedin.com/in/samrat-kumar-dev-sharma-b0a5a9212/
https://github.com/samrat1699

Skills

- SQL (SQLite, MySQL)
- Python (Pandas, NumPy, SciPy, MatPlotLib)
- Excel (VLookup, Conditional Formatting, Pivot Tables)
- Microsoft Azure (DataBricks)
- Microsoft Power BI
- Jupyter-Notebook, Google-colab

Projects

SLEEP HEALTH AND LIFESTYLE PREDICTION – Personal Project April 2023

- Perform exploratory data analysis **(EDA)** to uncover patterns, correlations, and potential factors affecting health and lifestyle.
- Evaluated model performance using decision tree and get the accuracy score, achieving a 90% accuracy in sleep quality prediction
- Developed actionable insights to improve sleep quality.

ANALYSIS OF STUDENT PERFORMANCE – Personal Project February 2022

- Utilize Python and Pandas to analyze a dataset on student performance, examining various factors influencing academic achievements.
- Perform exploratory data analysis **(EDA)** to uncover patterns, correlations, and potential factors affecting student grades.
- Developed predictive models using machine learning algorithms, such as **linear regression**, **decision trees** and **random forests**, to forecast student performance.
- Assessed model performance and provided actionable insights to improve educational outcomes.

SUPERSTORE ANALYSIS – Personal Project December 2022

- Analyzed a large superstore dataset to identify sales trends, customer behavior, and opportunities for improvement.
- Perform exploratory data analysis **(EDA)** to uncover patterns, correlations, and outliers within the data.
- Performed statistical analysis, including hypothesis testing, to uncover significant factors affecting sales and profitability.
- Developed interactive visualizations using **Power BI** to communicate key insights and support decision making.

CUSTOMER ONLINE SALES ANALYSIS – Personal Project June 2023

- Utilized **SQL** to extract data from 8 different related tables from customer sales databases using **JOIN** and **VIEW**
- Transformed and filtered data by using aggregating and filtering function to improve reporting process
- Loaded and visualized data with **Python** to identify key business intelligences that can improve sales performance.

Coursera Courses:

- Python and Statistics for Financial Analysis, Coursera (March 2022 – May 2022)
- SQL for Data Science, Coursera (April 2023)
- Google Data Analysis, Coursera (December 2022 – May 2023)

Education

BACHELOR OF SCIENCE IN STATISTICS – Jagannath University – Dhaka, Bangladesh
(3rd-year)