Evita Lopes

MSc Statistics & Data Science

Mumbai | +91 9158247091 | evitalopes27@gmail.com | LinkedIn

EDUCATION

Narsee Monjee Institute of Management Studies (NSOMASA-NMIMS)   **Mumbai**
MSc Statistics & Data Science   *Jul 2022 – May 2024*

D.G. Ruparel College of Arts, Science & Commerce   **Mumbai**
BSc Statistics   *Jul 2019 – May 2022*

PROJECTS

Personality Prediction using Machine Learning   *Jan 2023 – Apr 2023*

- Implemented a Classification model to predict the personality types of individuals based on their written text.
- The project involved Text Preprocessing using NLP Techniques and exploratory data analysis on a dataset of over 8500 rows to gain insights and improve model performance.
- Evaluated performance of logistic regression, Catboost, and XGBoost models using accuracy metrics, leading to the selection of Catboost as the best algorithm for Personality Prediction with an accuracy of 75%.

Restaurant Sales Data Analysis   *Sept 2022 – Nov 2022*

- Conducted comprehensive restaurant sales data analysis using two datasets, employing Excel and SQL techniques for data manipulation, cleansing, and visualization.
- Created an interactive and visually appealing Excel dashboard to highlight important trends and insights, empowering stakeholders to make data-driven decisions for better business performance.
- Utilized advanced SQL queries, including subqueries, RANK, and DENSE_RANK, to identify top 5 selling cuisine, optimize peak sales periods, and assess customer preferences.
- Contributed to improve operational efficiency and achieve substantial revenue growth through the application of analytical insights.

Telecom Customer Churn Prediction   *Aug 2022 – Oct 2022*

- Developed a robust churn prediction model, enabling the identification of customer likely to leave the service provider in the near future.
- Leveraged python for coding and implemented machine learning algorithms using 7000 data points with 21 variables; Random forest emerged as top-performing model, yielding an impressive accuracy of 80%.
- Enabled targeted actions and reduced customer attrition by accurately predicting churn, fostering customer loyalty for the telecom company.

EXTRA CURRICULAR ACTIVITIES

Student Volunteer
- Volunteered in a college fest 'ENUMERATIA' at D.G. Ruparel College of Arts, Science and Commerce in 2020.
- Worked with a group of 30+ volunteers and developed skills through Hands-on experience.

Awards & Achievements
- Earned a 4-Star Badge in SQL on HackerRank.

SKILLS & INTERESTS

Hard Skills: Python | SQL | Tableau |MS Excel |R Programming | Descriptive Analytics | Data Visualization | Predictive Analytics | Statistical Modelling | Machine Learning | NLP

Soft Skills: Effective Communication | Teamwork

Interests: Traveling, Playing carrom

CERTIFICATIONS

- Business Analytics with Excel – Simplilearn
- Introduction to SQL – Simplilearn
- Tableau Training – Simplilearn
- Accenture data analytics and visualization virtual experience
  - Performed Data cleaning and Analysis.
  - Designed Visual Presentation for effective Data communication.
  - Software used : MS Excel,PowerPoint