

Mokshada Shedbale

Pune, India | shedbalemokshada@gmail.com | +91 9172083108

linkedin.com/in/mokshadashedbale | github.com/mokshadashedbale

SUMMARY

An aspiring data analyst with a solid educational foundation in statistics and data science. Proficient in SQL and Python, I have hands-on experience in data cleaning, visualization, and analysis. My goal is to leverage my analytical prowess to contribute effectively to data-driven decision-making in a professional setting.

WORK EXPERIENCE

Data Analyst Intern

Sep 2023 – March 2024

GAMAKA INTELLECTUAL MACHINES | Pune, India

- Conducted thorough data cleaning and preprocessing using Python and SQL, ensuring data accuracy and integrity for analysis.
- Applied statistical analysis techniques to extract meaningful insights from large datasets, contributing to informed decision-making processes.
- Developed interactive data visualizations in Tableau to present complex findings clearly and understandably, facilitating communication with stakeholders.

PROJECTS

Showroom Sales Analysis

- Successfully imported showroom sales MySQL database into Power BI for in-depth analysis.
- Employed Power Query Editor to clean and refine data, addressing missing values and outliers, and ensuring data accuracy and reliability.
- Developed DAX Measures to calculate key metrics including total sales, average discount, and maximum profit, providing actionable insights for strategic decision-making.
- Constructed an intuitive dashboard using Power BI, integrating cards, charts, slicers, and filters to visualize brand, model, and city-specific sales data for 2023.

Titanic Survival Analysis

- Conducted Exploratory Data Analysis (EDA) on the Titanic dataset using Python, exploring various factors influencing passenger survival.
- Identified key trends indicating that passengers of Pclass 1 were prioritized during rescue operations, suggesting a correlation between socio-economic class and survival likelihood.
- Analyzed gender demographics to observe that female passengers had a significantly higher survival rate compared to males, highlighting the prioritization of women during rescue efforts.
- Investigated the impact of family size on survival probability, revealing that individuals with fewer siblings or spouses ($SibSp < 2$) had higher chances of survival, while larger family sizes decreased survival probabilities.
- Determined that passengers embarking from the 'C' port had higher survival rates compared to other embarkation points, indicating potential factors influencing rescue prioritization.

Bank Customer Churn Prediction

- Developed and implemented a Random Forest supervised machine learning model using Jupyter Notebook, NumPy, and Pandas for analyzing bank customer churn dataset.
- Conducted thorough data cleaning and preprocessing, including handling missing values and encoding categorical variables.
- Utilized sampling techniques to address class imbalance and enhance model performance.
- Achieved significant improvement in model accuracy, recall, precision, F1 score, and AUROC score through hyperparameter tuning and rigorous evaluation of test data.

CERTIFICATIONS

- Diploma in Business & Data Analytics

SKILLS

Programming Languages - Python

Data Visualization Tools- Power BI Desktop, Tableau Desktop, Jupyter Notebook, Microsoft Excel

Database and Cloud- MySQL, MongoDB (Beginner), AWS Services (Beginner)

Others- Data Cleaning, Data Analysis, Statistical Analysis, Regression, Classification

EDUCATION

Master Of Science – Statistics (*Aggregate : 67.83*)

Jul 2021 – May 2023

S.P Pune University, Pune

Bachelor Of Science – Statistics (*Aggregate : 80.63*)

June 2018 – Apr 2021

S.P Pune University, Pune