KARISHMA

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SUMMARY

A highly skilled and detail-oriented data analyst with expertise in collecting, analyzing, and interpreting complex datasets. Proficient in utilizing various statistical tools and software to draw meaningful insights and provide actionable recommendations. Strong ability to identify trends, patterns, and anomalies in data to inform strategic decision-making with excellent communication skills.

SKILLS

Python , SQL , Power BI , Excel , Mathematics , Statistics , Critical Thinking , Problem Solving , Machine Learning , Communication

PROJECTS

Customer Churn Prediction

- Led an in-depth exploratory data analysis (EDA) on a banking dataset, revealing key insights: 20.37% churn rate, higher churn in Germany, increased likelihood of churn in single-product customers, significant churn among inactive members with credit cards, and higher female churn rates.
- Evaluated multiple machine learning models, ultimately achieving an 86.80% prediction accuracy with the Random Forest algorithm.

Supply Chain Analysis

- Successfully navigated seasonal demand fluctuations, implementing strategies to ramp up for high-demand months (July and December) and mitigate low-demand periods (March).
- Focused on enhancing sales strategies and training for teams with minimal profit percentages (Teams 1, 18, 9), boosting overall profitability.
- Improved warehouse operations by balancing order volumes between warehouses, notably between high-performing WARE-NMK1003 and underperforming WARE-NBV1002.

WORK EXPERIENCE

Globalshala

Data Visualisation Intern | Virtual | 05/2023-06/2023

- Acted as Data Visualisation intern in organizing data, analyzing and producing visualizations and presentations.
- After examining the data, built dashboards using Excel and Power Bi and produced professional data visualizations to submit business insights to the finance team .

EDUCATION

M.Sc. Mathematics | 2022-2024
Department of Mathematics , University of Delhi

B.Sc. Mathematics (Honours) | 2019-2022
Deen Dayal Upadyaya College, University of Delhi
Score - 9.2 cgpa