Anushka Tyagi

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Education

VIT Bhopal University	**August 2021 – August 2024**
B.Tech CSE specialization in AIML - CGPA- 8.56	
St. Ann's Senior Secondary School	**March 2019 – March 2020**
12th CBSE Board - Percentage – 72.8%	
St. Ann's Senior Secondary School	**March 2017 – March 2018**
12th CBSE Board - Percentage – 86.8%	

Technical Skills

Languages and Databases: C++, Python, SQL, MySQL

Tools/Technologies: Tableau, Numpy, Pandas, Matplotlib, Scikit-Learn

Other Skills: Data Analysis, Machine Learning

Certifications: AWS cloud practitioner, Certified Google Data Analytics(ongoing)

Work Experience

Software Engineering Intern: Apperture, Remote   **March 2024 –May 2024**

- Spearheaded the integration of data endpoints using Kafka queues, optimizing message handling and reducing data processing times by 20%, while coordinating cross-functional teams to ensure seamless implementation.
- Led the development of 10+ Metabase dashboards, collaborating with stakeholders to execute SQL queries and deliver actionable insights, enabling real-time KPI monitoring and strategic decision-making.

Projects

Bank Data Prediction and Analysis - *Python, ScikitLearn, Pandas, Matplotlib, Numpy*   **June 2024 –July 2024**

- Conducted exploratory data analysis (EDA) on a dataset of over 5,000 bank customers, uncovering significant trends and patterns in customer demographics, and transaction history.
- Segmented insights based on customer demographics, behavior, and geography, enabling the bank to prioritize high-risk groups and strategize retention efforts effectively.
- Implemented a robust evaluation pipeline to train and compare the performance of 8 machine learning models, like Logistic Regression, KNN, Decision Trees, XGBoost, LightGBM etc. Performed hyperparameter tuning on the best performing models.

Sales Performance Analysis - *Tableau, KPI Analysis, Data Visualization*   **January 2024 – February 2024**

- Developed interactive sales dashboards in Tableau to analyse year-over-year sales performance, monthly trends, and product subcategory comparisons, catering to stakeholders' needs.
- Designed KPIs for total sales, profit, and quantity metrics, enabling clear year-over-year analysis and identification of high and low-performing months.
- Optimized analytics with data filters, geographic segmentation, and weekly sales trend analysis for better insights and decision-making.

Leadership / Extracurricular

- Facilitated clear and concise discussions during project meetings and presentations.
- Resolved team conflicts by promoting mutual understanding and collaboration, leading to increased team.