

Anushka Tyagi

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Education

VIT Bhopal University <i>B.Tech CSE specialization in AIML - CGPA- 8.56</i>	August 2021 – August 2024
St. Ann's Senior Secondary School <i>12th CBSE Board - Percentage – 72.8%</i>	March 2019 – March 2020
St. Ann's Senior Secondary School <i>10th CBSE Board - Percentage – 86.8%</i>	March 2017 – March 2018

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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 |
| <ul style="list-style-type: none">• 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 |
| <ul style="list-style-type: none">• 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.