

# Anushka Tyagi

8439868537 [anushka18.tyagi@gmail.com](mailto:anushka18.tyagi@gmail.com)

<http://www.linkedin.com/in/anushka-tyagi-72202521b> <https://github.com/anushka1822>

## Education

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

## 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.