

ANSHUL BANKEY

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Education

VIT Bhopal University

Sep. 2022 – May 2026

B.Tech Major in Computer Science and Minor in Gaming Technology

CGPA, 8.26/10.0

Sanskar Vidhyapeeth Harda

July. 2021 – June 2022

Grade XII (CBSE)

Percentage, 72.2%

Sanskar Vidhyapeeth Harda

July. 2019 – June 2020

Grade X (CBSE)

Percentage, 82.6%

Experience

Cuemath

April 2025 – May 2025

Data Analyst Intern

Remote

- Developed a real-time analytics dashboard using Python, SQL, and Tableau to track student engagement, quiz scores, faculty and mentor feedback, and payment status—boosting data accuracy by 45% and reducing reporting time by 35%.
- Implemented logic with Pandas and SQL to identify inactive users, and students who purchased courses but didn't enroll—enabling data-driven outreach and increasing student reactivation and conversion by 60%.

Projects

Fraud Detection and Risk Scoring

May 2025

- * Identified high-risk transactions by analyzing duplicates, outliers, and time-based patterns using Python and SQL, improving rule-based fraud detection precision by 32% without using machine learning.
- * Formulated a risk scoring framework and executed advanced exploratory data analysis (EDA), enabling early identification of 95% of fraudulent cases and reducing manual investigation workload by 40%
- * Streamlined the fraud analysis pipeline by integrating data cleaning, feature engineering, and reporting, resulting in a 50% faster anomaly detection process and improved audit-readiness.

Air Quality and Traffic Analysis

April 2025

- * Curated and transformed a dataset of 50,000+ records, resolving 60%+ missing values through advanced imputation methods, resulting in 98% data completeness and high-quality inputs for analysis.
- * Explored 15+ critical variables to reveal strong pollution-traffic patterns, explaining over 70% variance in AQI during peak hours, and constructed high-accuracy AQI estimators (up to 92%) using ensemble learning techniques.
- * Operationalized real-time AQI prediction with a custom model pipeline (2-second latency), and illustrated findings through Tableau dashboards, influencing traffic management improvements in 10+ urban zones by 20%.

Tableau Dashboards [anshulbankey](#)

March 2025

- * Human Resource Dashboard
- * Sales Dashboard
- * E-Commerce Sales Dashboard
- * Electric Vehicle sales Dashboard

Technical Skills

Languages: Python, SQL, Data Structures and Algorithms

Tools: Jira, Git, Tableau, Excel

Techniques: Data Analytics, Data Visualization, Predictive Modeling, Agile methodologies

Database Management: SQL Databases, Query Optimization, Database Design

Frameworks & Libraries: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn

Data Engineering: AWS (S3, RDS, Lambda, Glue, Redshift, Quicksight, Athena)

Certifications

- Data Analysis with Python – IBM
- Data Visualization with Python – IBM
- Data Visualization with Tableau – Tableau
- Python Data Analytics – Meta
- SQL Intermediate – HackerRank