

ANSHUL BANKEY

Harda, Madhya Pradesh

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Education

VIT Bhopal University

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

Sep. 2022 – May 2026

CGPA, 8.26/10.0

Sanskar Vidhyapeeth Harda

Grade XII (CBSE)

July. 2021 – June 2022

Percentage, 72.2

Sanskar Vidhyapeeth Harda

Grade X (CBSE)

July. 2019 – June 2020

Percentage, 82.6

Experience

Cuemath

Data Analyst Intern

April 2025 – May 2025

Remote

- Engineered an AI-driven system for automatic coronary artery calcification detection, achieving 94% accuracy and reducing manual diagnosis time by 60%.
- Developed a real-time dashboard for tracking student progress and tutor impact, increasing monitoring efficiency by 40% and reducing monthly reporting turnaround time by 35% through automation.
- Collaborated with cross-functional teams to integrate actionable data insights into organizational goals, enhancing project execution alignment by 30%.

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

March 2025

- Designed and implemented interactive Tableau dashboards consolidating 150,000+ entries to analyze sales performance, customer trends, and electric vehicle distribution across U.S. regions.
- Conducted in-depth analysis of business metrics—including sales, profit, and order volume—uncovering a 5.04% decrease in sales and a 976.98% increase in profit for strategic business units.
- Structured visuals such as donut charts, trend analyses, bar graphs, and heatmaps illustrating market dominance, revealing a 45.86% LATAM share and Tesla's 52.70% lead in EV registrations.

Technical Skills

Languages: Python, SQL

Tools: Tableau, Excel

Techniques: Data Analysis, Data Cleaning, Data Visualization, Predictive Modelling

Database Management: SQL Databases, Query Optimization, Database Design

Certifications

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