

Vaibhav Chauhan

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PROFESSIONAL SUMMARY

Data Analyst with hands-on experience turning messy datasets into dashboards, KPI reports, and business decisions. Delivered Power BI dashboards adopted by 3 teams, slashed report generation time by ~40% with optimised SQL, and drove data quality improvements that fed production ML models. Comfortable across the full analytics stack—from raw data wrangling in Python to stakeholder-ready storytelling.

EXPERIENCE

Data Science Intern – Coerror *Jan 2026 – Apr 2026 — Gurgaon, India (Internship Certificate)*

- Designed and delivered 4 Power BI dashboards tracking core product KPIs—adopted by 3 cross-functional teams, replacing weekly manual Excel reports and saving ~5 hrs/week of analyst time.
- Wrote optimised MySQL queries for reporting workflows, cutting KPI dashboard refresh time by ~40% and enabling real-time business monitoring for the first time.
- Resolved 30%+ missing-value rate across 5+ raw datasets via Python & Pandas data-cleaning pipelines—directly improving reliability of downstream ML model inputs.
- Conducted deep-dive EDA across product and operations data, surfacing 3 actionable trends (seasonality, user drop-off, anomaly clusters) presented to senior leadership.
- Automated weekly analytical reporting workflow, reducing ad-hoc data requests from stakeholders by standardising metrics definitions and delivery cadence.
- Partnered with engineering to define data schemas and validate pipeline outputs, ensuring analytical accuracy for KPI tracking and business reviews.

EDUCATION

Parul University – Vadodara, Gujarat, India *2022-2026*
B.Tech in Computer Science & Engineering

CERTIFICATIONS

Gujrat Tableau Workshop – Parul University	2025 – 2025 (Certificate)
Data Structures & Algorithms – CodeHelp	2023 – 2023 (Certificate)
Data Analytics And Visualization Job Simulation –Accenture	2023 – 2023 (Certificate)

TECHNICAL SKILLS

Analytics & BI: Power BI (DAX, Data Modeling), Tableau (Basic), Excel, Google Sheets
Data & SQL: MySQL, PostgreSQL, Complex Joins, Window Functions, CTEs, Query Optimization
Programming: Python, C++, Data Structures & Algorithms (DSA)
Python Libraries: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn
Statistics: Descriptive Statistics, Hypothesis Testing, Trend Analysis, Data Interpretation
Problem Solving: EDA, Data Cleaning, Automation, Analytical Thinking, Business Problem Solving
Soft Skills: Stakeholder Reporting, Data Storytelling, Team Collaboration, Teamwork, Cross-functional Collaboration, Communication

PROJECTS

Sales & Operations Analytics Dashboard **(LINK) (Live Demo)**

- Built an end-to-end analytics pipeline—ingested raw transactional data, cleaned and modelled it in Python, loaded to MySQL, and surfaced insights via a multi-page Power BI dashboard.
- Designed DAX measures for revenue trends, MoM growth, product-level performance, and customer segmentation—enabling self-serve analysis for non-technical stakeholders.
- Identified a 22% revenue concentration in one product category through cohort analysis, informing pricing strategy recommendations.

LogGuardian — Operational Anomaly Detection **(LINK) (Live Demo)**

- Built a hybrid ML anomaly detection system (Isolation Forest + Autoencoder) on system logs—reduced false-positive alert rate by ~35%, improving signal quality for ops teams.
- Stored and queried anomaly insights in PostgreSQL with time-range filtering and trend aggregation—creating an auditable analytics layer for incident investigation.
- Shipped 5 REST APIs via FastAPI exposing anomaly scores and trend data, consumed by a real-time monitoring dashboard used for operational decision-making.