

PATEL GOWRAV SINGH

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Summary

Immediate Joiner

Data Analyst with hands-on experience in data analytics, fraud investigation, dashboard development, and performance reporting across Vihara Tech, Amazon, and Tech Mahindra. Skilled in SQL, Python, Excel, Power BI, Tableau, and DAX with expertise in data cleaning, EDA, KPI tracking, and insight generation. Proven ability to analyze large datasets, detect patterns, and deliver actionable insights that improve operational efficiency and reduce financial risk. Strong communicator with experience collaborating across global teams to support data-driven decision-making.

Skills

- **Programming & Querying:** SQL, Python (Pandas, NumPy, Matplotlib, Seaborn)
- **Business Intelligence & Visualization:** Power BI, Tableau, Power Query, DAX, Advanced Excel (Pivot Tables, VLOOKUP)
- **Analytics & Statistical Techniques:** Data Cleaning, EDA, Descriptive Statistics, Data Storytelling, KPI Analysis
- **Reporting & Operations:** Dashboard Development, Fraud Analysis, Stakeholder Reporting
- **Tools:** Apache NiFi, Excel, Internal Workflow Tools

Experience

Data Analyst Intern

February 2025-present | HYDERABAD

Vihara Tech

Tools Used: Excel, python, SQL, Power BI, DAX, Tableau

- **Extracted, cleaned, and transformed** raw data from multiple sources using **Python, SQL, and Excel**, improving data accuracy and analysis readiness.
- Performed **Exploratory Data Analysis (EDA)** to identify trends, correlations, and anomalies, supporting data-driven insights.
- Designed and developed **interactive dashboards in Power BI/Tableau** to track key business metrics and performance indicators.
- **Generated actionable insights** from complex datasets, supporting strategic decision-making and operational improvements.
- Collaborated with **cross-functional teams** to define **KPIs** and develop analytical solutions aligned with business goals.
- **Documented workflows, data pipelines, and analytical methodologies** to ensure repeatability and transparency of analysis.
- Continuously explored **new tools and analytical techniques** to enhance reporting efficiency and workflows.

Investigation Specialist (Fraud Analytics & Data Analysis Role)

Feb 2024 – Dec 2024 | HYDERABAD

Amazon (Internal Client)

Tools Used: Amazon internal tools

- Investigated and analyzed **1,000+ suspicious e-commerce transactions monthly**, detecting fraud patterns and preventing revenue loss.
- Leveraged **Amazon's internal tools and SOPs** to identify high-risk accounts, ensuring **98%+ accuracy** in fraud detection.
- Analyzed large datasets to uncover trends in fraudulent behavior, driving **15% improvement** in operational efficiency.
- Delivered insights and root-cause analysis that contributed to **enhancing Amazon's risk models** and **preventing revenue leakage worth ~\$500K annually**

Associate Software Engineer

Dec 2021 – Jan2024 | HYDERABAD

Tech Mahindra (Client: GE)

Tools Used: Apache NiFi, Internal Tools, SOPs

- Supported **integration migration** across multiple **Teamcenter (TC) domains**, ensuring seamless connectivity with external systems such as **GlobalScape**, web applications, and **Postgres databases**.
- Executed **migration of instances** to newly created TC domains to align with evolving **business requirements and system architecture**.
- Performed **data cleansing and validation** to eliminate irrelevant or out-of-scope business data, enhancing system accuracy and reliability.
- Prepared and maintained **process documentation** and **Standard Operating Procedures (SOPs)** for workflows, ensuring clarity, consistency, and operational continuity.
- Collaborated with cross-functional teams to troubleshoot integration issues and support smooth deployment in production environments.

Awards & Certifications

- **Amazon Star Performer Award** – Recognized for excellence in fraud detection and risk investigation (2024)
 - **Client Appreciation – GE** Acknowledged for delivering high-quality analytical insights , Accuracy and, documentation (2023)
 - **Microsoft Power BI** (CPD, USA Accredited) – Jun 2025
 - Deloitte Australia Data Analytics Virtual Internship – Feb 2025
 - SQL Challenge Solver: Proactively solve SQL challenges online to sharpen advanced query and analytical skills.
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Projects

OLA Ride Analysis Dashboard | *Power BI, DAX, Data Modelling* (Jan 2025)

- Modelled **100K+ ride records** in Power Query and built interactive KPIs for ride volume, peak hours, wait time, and cancellation trends.
- Designed a **city-level performance dashboard** enabling operations teams to identify underperforming zones.
- Reduced decision-making time by ~40%** and helped improve **ride allocation efficiency** across regions.

Credit Risk Analysis Project | *Python (Pandas, NumPy), Power BI, DAX* (Jun 2025)

- Cleaned and analysed **150K+ loan records**, applying **outlier detection (IQR/Z-score)** and reducing dataset to **100K valid entries**.
- Developed a **Credit Risk Dashboard** to segment customers by **risk score, utilization, income group, and region**.
- Identified that customers with **utilization >0.6 were 3x more likely to default**; flagged **~8.5% high-risk accounts** for monitoring.
- Delivered insights on **high default probability** among **young, low-income, self-employed renters** in specific regions.

Education

Bachelor of Technology in Computer Science and Engineering (CSE) **2017 – 2021**
ACE Engineering College, *Hyderabad*