

Parth Gawande | Data Analyst

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SUMMARY

Data Analyst with over **2 years of experience** harnessing **SQL, Python, Power BI**, and **AWS** to deliver actionable business intelligence. Skilled in integrating complex datasets, **designing performance-driven KPIs**, and developing **interactive dashboards** that empower stakeholders, **optimize operational workflows**, and drive strategic growth in public sector and logistics environments.

SKILLS

Languages & Scripting: Python (Pandas, NumPy, Matplotlib), SQL, R, DAX, SAS

BI & Visualization Tools: Power BI, Tableau, Looker, Google Data Studio, GIS, ERP System

Databases & Warehousing: MySQL, PostgreSQL, SQL Server, Snowflake, Salesforce CRM, SAP, Excel (PivotTables, VLOOKUP, VBA)

Cloud & Tools: AWS (S3, Lambda, CloudWatch, Glue), GCP, Git, Power Automate, Big Query, Agile Environment, Project Lifecycle

Analytics Techniques: KPI Reporting, Time Series Forecasting, Statistical Analysis, Financial Reporting, Hypothesis Testing

EXPERIENCE

Data Analyst

September 2025 - Present

Saayam For All

Remote

- Evaluated **donor records** from **Salesforce** and **Excel**, identifying key trends and discrepancies that informed the design of **Power BI dashboards**, improving stakeholder insights and enhancing understanding of donor behavior across 5 programs.
- Led **KPI definition** and data examination with fundraising and program teams, uncovering insights that **optimized resource allocation**; automated reporting processes with **SQL** and **Python**, increasing report accuracy and reliability by 25%.

Graduate Teaching Assistant

January 2024 - May 2025

Rochester Institute of Technology

Rochester, New York

- Delivered **1000+ hours** of instructional support to **200+ students**, guiding them through labs focused on query writing in **SQL**.
- Redesigned SQL assignments with faculty and provided targeted guidance, resulting in a 20% increase in student average scores.

Data Analyst

July 2021 - January 2023

StandardWings Technologies Pvt. Ltd.

Nashik, India

- Extracted, cleaned, and **integrated multi-source data** (GPS, sensor, Salesforce CRM, SAP, Excel) from 120+ vehicles into **AWS S3** using SQL and Python, enabling detailed **fleet analysis** that uncovered significant **operational cost savings**.
- Collaborated** with **cross-functional teams** throughout the **project lifecycle** to define **21 key KPIs** aligned with business objectives, developed automated monitoring reports, and **improved fleet efficiency by 15%** through continuous tracking.
- Built **14 interactive Tableau** and **Power BI dashboards** visualizing route efficiency, fuel consumption, and **SLA compliance** within an **agile environment**, enhancing operational transparency and empowering logistics, operations, and finance teams.
- Established **data governance** and validation processes for **600,000+ records** using SQL and Python, reducing inconsistencies by 25% and implemented **real-time alert workflows** with AWS Lambda to decrease fleet delay response times by 22%

Data Analyst Intern

January 2021 - June 2021

StandardWings Technologies Pvt. Ltd.

Nashik, India

- Partnered with hospital management and data teams to extract, clean, and analyze **25,000+ patient records** using **SAP** and Excel. Created visualizations to monitor bed utilization, contributing to a **20% reduction in patient wait times** during COVID-19.
- Developed **Power BI and Tableau dashboards** tracking hospital capacity and staff availability across **12 facilities**. Enabled data-driven **resource allocation** that optimized patient care and **decreased shortages by 25%**.

PROJECTS

FraudScope: Financial Fraud Intelligence

- Investigated **100K banking and insurance records** using **SQL**, **Power BI**, and **DAX** to build a KPI-driven fraud monitoring dashboard, **reducing investigation turnaround time by 40%** and enabling faster cross-departmental decision-making.

HealthLens: Monitoring Healthcare Performance and Trends

- Launched a Python and Power BI dashboard analyzing **55,500+ hospital records**, improving operational efficiency and **clinical decision-making** by 30% through actionable insights on patient admissions, billing, and treatment outcomes.

CartWise: Instacart Market Basket Optimization

- Executed market basket analysis on **3 million transactions** using **Python** and the Apriori algorithm; surfaced 25 actionable product bundles, **boosting cross-sell potential** and informing inventory strategy for **marketing** and **supply chain teams**.

GASTech Analyzing Building Operations Data

- Analyzed over 100K+ records on **Google Cloud** of employee movements and **HVAC sensor data** using **BigQuery**, **Data Studio**, and **GIS**, detecting anomalies that drove a **20% decrease in operational inefficiencies** and significantly improved building safety.

EDUCATION

MS in Information Technology and Analytics

Rochester Institute of Technology | GPA: 3.9

January 2023 - May 2025

Rochester, New York

B.Tech in Computer Science and Engineering

July 2018 - July 2022

MIT World Peace University | GPA: 3.8

Pune, India