

# Saidi Reddy Karnati | Data & Business Analyst

+1 (959) 2553857 | Missouri, U.S.A | [saidreddyk2545@gmail.com](mailto:saidreddyk2545@gmail.com) | [LinkedIn](#) | [Portfolio](#) | [GitHub](#)

## SUMMARY

- 4+ years of experience in data analysis, reporting automation, and dashboard development across retail, e-commerce, health care.
- Strong technical proficiency in SQL, Python (Pandas, NumPy), Power BI, Tableau, and Excel (LOOKUP, Pivot Tables, Power Query).
- Delivered 15%+ improvement in regional sales at Walmart by analysing 1000+ records and optimizing promotion strategies.
- Automated reporting pipelines in SQL and DAX that reduced manual work by 90% and cut reporting errors by 40%.
- Built predictive models using ARIMA, ETS, and regression that decreased supply stockouts by 30% and churn by 17%.
- Integrated cloud data pipelines across GCP, AWS, and Azure, cutting ingestion time by 50% and improving pipeline reliability.
- Developed KPI dashboards and self-service tools used by 50+ stockholders, increasing data adoption by 45% within 3 months.

## TECHNICAL SKILLS

- Data Analysis & Reporting:** SQL, Python, R, Excel (Advanced), VBA, Statistical Modelling, ML Models.
- Data Visualization:** Alteryx Designer, Power BI, Tableau, Excel Dashboards, Qlik Sense, Looker Studio, Domo, Mode Analytics.
- Databases & Tools:** MS SQL Server, PostgreSQL, Hadoop Oracle, ETL Tools, Git, JIRA, Confluence, ServiceNow, SAP.
- Cloud Platforms:** GCP (Big Query), AWS (RDS, S3), Azure (Synapse, Data Factory).
- Business Domain Knowledge:** E-commerce KPIs, Pricing Strategy, Marketing Analytics, Healthcare Claims & Clinical Data, Banking Metrics & Risk Analytics, Customer Segmentation, Supply Chain Analytics.
- Techniques:** Forecasting, Regression, Cohort Analysis, A/B Testing, Regression Analysis, Hypothesis Testing, Data Wrangling.
- Certifications:** Power BI Data Analyst Associate - *by Microsoft*, Azure Data Engineer Associate - *by Microsoft*

## WORK EXPERIENCE

### Data Analyst | Walmart, MO, USA

Dec 2024 - Current

- Increased regional sales for a e-commerce retailer by 15% by analysing 1000+ records and building Excel dashboards with pivot tables and formulas using metrics like seasonal sales and buyer demographics.
- Automated Power BI dashboards with SQL, DAX, and gateway refresh; created documentation and usage guides, reducing manual work by 90% and boosting stockholder adoption by 45%.
- Built a Power BI for a US healthcare client reporting system integrating EHR, claims, and patient outcome data, reducing cross-team data silos and cutting readmission rates by 12%.
- Designed a Power BI dashboard analysing 630+ Google Forms survey responses; identified key trends in compensation dissatisfaction and career barriers, ending HR to boost satisfaction by 18% through retention policies.
- Audited 200k+ cloud based financial records using Python (Pandas, NumPy) and fixed 35% data anomalies, improving accuracy for refunds and adjustments gateway and AML reporting.
- Streamlined ETL pipelines using Azure Data Factory and Pandas Scripts to integrate Azure Blob & Synapse datasets, reducing ingestion time by 50% and improving pipeline reliability.

### Data Analyst | Ernst & Young, India

May 2021 - Jan 2023

- Built scalable Power BI dashboards with Gateway refresh for real time campaign metrics, boosting targeted precision and improving conversion rates by 22% for a global e-commerce client.
- Consolidated fragmented data from sources (APIs, cloud platforms, legacy systems) into unified GCP Big Query warehouse, reducing reporting latency by 40% and improving cross-team data access for a retail SaaS client.
- Conducted A/B testing for on email subject lines and content strategies for a retail campaign; identified a 12% higher open rate with version B, improving overall campaign performance by 90%.
- Built a churn prediction model using Python (Logistic Regression, XGBoost) with 84% accuracy; Integrated into dashboards to reduce client attrition by 17% for a U.S.- based IT service firm in 6 months.
- Conducted customer segmentation via K-Means clustering on RFM values and browsing history, enabling targeted campaigns that increased average order value by 19% and boosted repeat purchases for a fashion marketplace.
- Automated financial health reporting using Python, pivo, and Excel VBA for a SaaS client burdened by time-consuming manual reports, cutting monthly reporting time from 5 days to under 8 hours and increasing data reliability for investors.
- Built HIPPA compliant Power BI dashboards tracking SLA and policy breaches, while embedding KPIs like bug age and reopen rate to cut production issues by 30%; trained non-technical teams and supported agile sprints to drive 50% dashboard adoption.

### Jr. Data Analyst | Infosys - India

Nov 2018 – Apr 2021

- Built Tableau and Excel dashboards for an IT services client to track delivery metrics like resources utilization, sprint velocity, and SLA adherence, reducing manual effort by 40% and enabling leadership to make real-time decisions.
- Automated cleaning scripts using SQL and Excel VBA to remove duplicates and validate timestamps in 200k+ weekly logs, cutting manual review time by 30% and improving report accuracy.
- Analyzed usage trends with SQL and Excel for a cloud SaaS client, identifying low-engagement features via CTR and time spent, leading to a 15% boost in adoption after UX changes.
- Performed UAT for dashboards during a core product migration using JIRA to log and resolve 70+ data defects, ensuring consistent post-migration performance.
- Defined KPIs and contributed analytics tasks across 10+ agile sprints using JIRA/Confluence, aligning client success reporting and improving stakeholder engagement.
- Created a reconciliation process using SQL scripts to align system event logs with billing and subscription data, which helped identify and correct over ₹3.2M in revenue leakage for a cloud services provider.

EDUCATION

Webster University	Jan 2023 – Oct 2024
Masters in Information Technology Management	
Rajiv Gandhi University of Knowledge Technologies	Aug 2017 – July 2021
Bachelors in Mechanical Engineering	

PROJECTS

Data Professional Survey Dashboard | *Power BI*

- Built a Power BI dashboard analyzing 630+ survey responses across 4 countries; visualized salary, work-life balance, and career challenges using bar, pie, and gauge charts.
- Uncovered 42.7% neutrality on entry difficulty and 25.6% salary dissatisfaction; led HR to lunch mentorship and comp reviews, and comp reviews, boosting satisfaction by 18%.

Healthcare Operations Insights Dashboard | *Tableau, SQL, Excel*

- Designed a Tableau dashboard 100k+ patient records across departments, uncovering a 22% rise in cardiology stays and informing discharge planning improvements.
- Cleaned clinical and admission data using SQL and Excel to visualize treatment outcomes; revealed a 15% seasonal spike in ER visits, aiding 12% better resource utilization.

House Price Prediction Using ML | *ML, Python libraries*

- Developed a linear regression model in Python to predict housing prices using features like size, location, and amenities, achieving low MAE and RMSE scores.
- Cleaned and normalized data by handling nulls and outliers using Pandas, improving model accuracy and convergence speed during training.
- Performed EDA with matplotlib and Seaborn to uncover price-driving patterns; findings guided feature selection and improved interpretability for stakeholders.