

Richa Saraf

+15717650005 | sarafrichawork@gmail.com | [LinkedIn](#)

SUMMARY

Strategic data analytics professional with 2.5+ years of experience in delivering measurable business impact across CPG, retail and supply chain. Hands-on professional specializing in Tableau analytics, Snowflake-centric data pipelines, data maturity assessments, and governance. Proven at improving data accuracy, enabling self-service insights, and reducing manual effort through scalable, cloud-native solutions using Python, SQL, and GCP/AWS.

Core Competencies

- Dashboarding & Data Storytelling (Tableau, Power BI)
- SQL Optimization & Data Validation
- Data Maturity Assessments & Analytics Readiness
- Data Governance & KPI Definition
- Stakeholder Management & Cross-Functional Collaboration
- Requirements Gathering & Solution Design
- Predictive Analytics & Time Series Forecasting
- Data Quality, Accuracy & Reliability Improvement
- Self-Service Analytics Enablement
- Executive & Client-Facing Communication
- Agile Delivery & Iterative Development
- End-to-End Data Pipeline Development

PROFESSIONAL EXPERIENCE

Impact Analytics

Customer Success Analyst

May 2025 – Present

- Built self-service Tableau dashboards for client SLA and ticket tracking by defining KPIs with CSMs and stakeholders and implementing live connections to Google BigQuery via Mojo APIs; reduced manual reporting by 75–80%, saving ~90 hours/week across ~30 clients and improving engineering troubleshooting.
- Standardized support operations across the MOJO ecosystem by defining ticket lifecycles, support workflows, and 4-quarter resource planning and centralizing client documentation in Confluence (ERDs, schema signoffs, QC checklists, issue trackers); improved SLA adherence, response times, and team capacity utilization.
- Executed a data maturity and AI-readiness assessment for a beauty retailer by evaluating Snowflake, orchestration tools, and data governance, and proposing a 3-tier medallion (9-DB) architecture projected to reduce feature deployment from 2–4 weeks to 2–4 days, cut time-to-insight to <24–48 hours, and scale model delivery from 1 model in 3 months to 10 models in 11 months.
- Contributed to end-to-end development of agentic AI PoCs by supporting pitch decks, conducted data quality research in retail and supply chain context; helped transition ideas into paid client engagements with real-time decision-support tools.

Accure Inc.

AI Engineer

November 2024- March 2025

- Developed a Compliance API for the UAE Government using Meta-Llama, Python, Arabic NLP, Lang Chain, and SQLite to classify documents, perform spatial/jurisdiction checks, and categorize workers; boosted accuracy to 98% and automated manual compliance reviews.
- Automated HubSpot dashboards and pipelines with cron-scheduled back-end workflows aligned to stakeholder KPIs; cut manual reporting by 70–80% and delivered real-time business insights.
- Optimized Analytics and MLOps pipelines on on-prem Kubernetes by benchmarking ML platforms on HP cluster with 4 NVIDIA H100 GPUs and refactoring workloads; reduced compute costs by 50%, improved efficiency, and accelerated reporting.

Jury Systems Incorporated

Data Engineer Intern | Summer Internship

June 2023 – August 2023

- Spearheaded big data initiatives using Apache Spark across 50+ counties in CA, FL, and AZ; reduced data redundancy 35% and improved accuracy 50%.
- Automated ETL workflows with Airflow to migrate data from legacy systems into a modern jury management platform; cut migration time 50% across 10 counties.
- Optimized jury selection and scheduling through workflow redesign and data insights; improved operational efficiency 25%.

TheMathCo

Data Engineer

September 2021 – Jul 2022

- Spearheaded marketing analytics for a beverage company by building scalable ELT pipelines on GCP to integrate data from 18+ APIs into Snowflake, automating token renewals and pipeline monitoring; reduced manual work 67% and cut analysis time 95%.
- Led predictive analytics for an airline by deploying AUTO ARIMA, FB Prophet, and UCM models on 20GB+ datasets with EDA, hypothesis testing, and Tableau dashboards; achieved 92% accuracy, supporting strategic planning and revenue optimization.
- Delivered end-to-end analytics workflows including data procurement, preprocessing, feature selection, model evaluation, and wireframing; implemented Azure Blob Storage, GitLab, and Co.dx for reproducible, scalable, production-ready forecasting.

SKILLS

Computer Software's: Tableau, PowerBI, Smartsheet, MS Excel (Power Query, Pivot Tables, Data Analysis, Macros, VBA), MS PowerPoint

Data Software's: MySQL, Python, Jupyter Notebook

Cloud, Data Engineering & MLOps: Google Cloud Platform (BigQuery), Apache Airflow, Apache Spark, Hopper Cluster

EDUCATION

MS in Data Analytics and Engineering, George Mason University

Aug 2022 – May 2024

B. Tech in Information Science, R N Shetty Institute of Technology

April 2017 – June 2021

ACADEMIC PROJECT

Medical Image Sequencing using Generative AI

- Developed a generative AI system for medical image sequencing by processing 48,000+ DICOM images across 80 patients, converting to PNG, resizing from 512x512 to 224x224, and implementing a Vision Transformer + Variational Autoencoder architecture; achieved SSIM (Structural Similarity Index) of 0.654 for disease progression prediction.
- Led a 5-member team as Product Owner by managing sprint planning on You Track, aligning technical and business stakeholders, and contributing to model development; delivered the project on schedule with clear milestones and accountability.

CERTIFICATIONS

- Accredited in Time Series Analysis in R from Data Camp
- Certified in Cluster Analysis with R from Data Camp