SARIYA RIZWAN

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SUMMARY

Business Intelligence Analyst, Data Analyst, and Data Engineer with 4+ years solving ambiguous business problems across technology, healthcare, energy, finance, product, and operations. Combine strategy, quantitative modeling, SQL/Python analytics, and cross-functional leadership to structure workstreams, identify performance drivers, develop executive-ready recommendations, build stakeholder consensus, and operationalize scalable processes, dashboards, and AI-enabled solutions.

EDUCATION

Pace University New York, NY

Master of Business Administration (MBA) - Business Analytics (STEM) May 2026

PROFESSIONAL EXPERIENCE

Consolidated Edison (ConEd) Oct 2026 - Present

Junior Business Analyst - GIS *New York, NY | Hybrid*

- Own a cross-functional modernization workstream for a mission-critical gas-electric incident notification system; structure ambiguous operational issues, facilitate workshops with GIS, control-center, support, architecture, and engineering leaders, synthesize requirements, map current/future states, and define prioritized business rules, risks, dependencies, and success criteria.
- Evaluate solution options and translate analysis into executive-ready BRD/FRD, process/data-flow, reporting, UAT, migration, and rollout recommendations; build consensus on 200-ft/24-hour proximity logic, centralized architecture, monitoring/security, and implementation sequencing, then drive issues through validation and delivery.

Natera Jun 2026 - Present

Business Intelligence Analyst *San Carlos, CA | Remote*

- Own strategic analytics workstreams across Voice of Patient, PC Performance, AI Disposition, Salesforce transfer reporting, communication hold/release, and Twilio/Calabrio reconciliation; frame open-ended business questions, define KPIs, analyze performance drivers and risks, and deliver recommendations used by Operations, Product, Finance, Sales, Support, and leadership.
- Use SQL, Python, Snowflake, Databricks, BigQuery, Power BI, Tableau, Sigma, and Excel to run deep dives, forecasts, variance/funnel/A-B/pre-post analyses, and scenario modeling; reconcile conflicting data, quantify tradeoffs, automate recurring decision tools, and influence roadmap and process priorities through executive narratives, stakeholder alignment, QA/UAT, and training.

Public Service Enterprise Group (PSEG) Jun 2025 - May 2026

Technical Intern, Continuous Improvement *Edison, New Jersey*

- Structured and solved an ambiguous fleet-planning problem by building Fleet Forecaster with React, Flask, PostgreSQL, SQL, Python, and Excel/VBA; modeled demand, capacity, cost, and budget scenarios, reduced processing from 6 hours to 5 minutes, generated approximately $120K in annualized savings, and translated findings into planning recommendations for business stakeholders.
- Led continuous-improvement workstreams from discovery through implementation across operations; mapped current/future processes, built business cases and automated workflows with Power Apps, Power Automate, Python, and APIs, coordinated cross-functional stakeholders, tracked risks and dependencies, and used AI prototypes to reduce manual work and accelerate execution.

ASH-TECH Solutions Jul 2023 - Aug 2024

Data Analyst | Business Intelligence & Financial Analytics *Gujarat, India*

- Led client-facing analytics and strategy consulting engagements across sales, marketing, finance, product, and operations; structured business problems, built performance and financial models, analyzed growth drivers, profitability, ROI, forecasting, and scenarios, and turned findings into executive recommendations generating $200K+ in client value.
- Managed BI and data workstreams from requirements through adoption, aligning clients and technical teams on KPIs, scope, priorities, data models, risks, and delivery; integrated Salesforce, HubSpot, NetSuite, APIs, and cloud data, automated analytics with SQL, Python, dbt, and Airflow, and created reusable dashboards, playbooks, and decision frameworks.

WebScape Jul 2021 - Jun 2023

Business Intelligence Analyst | Data & Systems Analytics *Mumbai, India*

- Partnered directly with clients to diagnose business and operational issues, gather and analyze large datasets, build structured analyses and dashboards, and present recommendations on customer, product, conversion, retention, churn, sales, marketing, and financial performance to technical and non-technical stakeholders.
- Owned multiple delivery workstreams simultaneously, translating ambiguous requests into scoped requirements, user stories, process/data flows, tests, and implementation plans; used advanced SQL, Python, and BI tools to investigate root causes, quantify options, support UAT and training, and standardize reusable processes that reduced onboarding time by 30%.

PUBLICATIONS

An Advanced AI-Driven Database System (EDULEARN25, 2025), DOI: 10.48550/arXiv.2507.17778 | *Branch-Commit-Validate: A Git-Inspired Workflow for Autonomous Red-Team Agents* (Springer SAM, 2025), DOI: 10.1007/978-3-032-22208-4_37 | *GRAFT: gRPC-Routed Agent Framework for Tasking in Edge and Personal Devices* (ACM AI and Agentic Systems, 2026), DOI: 10.1145/3786335.3813216 | *Balancing Ethics and Crisis: A Pattern for Media Companies* (ACM PLOP 2026) | *Evaluation of Online Patterns for Course Design* (PI/Research Assistant, PLOP 2026).