

Rajeev Tripathi

Sunnyvale, CA | (513)-266-3982 | rajeev.tripathi0207@gmail.com | [LinkedIn](#) | [Tableau](#) | [Portfolio](#)

PROFILE

- Insight-driven Data Analyst with 3+ years of experience applying statistical modeling and visualization techniques to uncover business trends, optimize performance, and guide strategic decisions across different domains.
- Proficient in **Python, SQL, and Power BI** for data analysis and insight generation, with experience using **Snowflake and Azure** to build scalable analytical workflows that support data-driven decisions and improve business performance.

EXPERIENCE

Data Analyst Intern Lightship Foundation, Cincinnati, OH (Remote)	May 2025 – Present
• Designed analytical datasets in Snowflake using SQL to integrate data from multiple sources for KPI reporting.	
• Created data validation scripts in SQL and Python to ensure consistency, completeness, and accuracy across data layers.	
Data Analyst University of Cincinnati, Cincinnati, OH	August 2024 – May 2025
• Performed EDA to detect error occurrence patterns and device feature correlations influencing ticket volume.	
• Collected and cleansed large-scale customer and ticket datasets using PySpark to prepare for analysis.	
• Built Power BI dashboards to visualize KPIs on ticket volume, error types, and streaming issues in real-time, delivering actionable insights to senior management that contributed to a 19% reduction in support tickets .	
Business Intelligence Developer COGNIZANT, Delhi, India	June 2021 – July 2024
<i>Client: Global Security Operations Center</i>	
• Designed and deployed ETL data pipelines in Azure Data Factory to integrate and transform data from multiple on-prem and external sources, improving overall data load performance by 34% .	
• Automated ingestion workflows using ADF pipelines, enabling incremental loads and reducing manual intervention.	
• Implemented robust data quality checks and logging mechanisms in ADF to monitor pipeline health and performance.	
• Designed Power BI dashboards to monitor attack and phishing incidents across 170+ member firms.	
• Implemented Row-Level Security (RLS) in Power BI dashboards to restrict data visibility based on region and country.	
• Collaborated with business stakeholders to define key metrics, ensuring analytics outputs aligned with requirements.	
<i>Client: SBI (General Electric)</i>	
• Optimized SQL queries and data structures to improve performance and consistency across high-volume transactional tables.	
• Created Power BI semantic models for streamlined reporting, enabling quicker insights into operational KPIs.	

SKILLS AND CERTIFICATIONS

Skills: Power BI (DAX, Power Query), SQL (CTEs, Window Functions, Query Optimization), Python (Pandas, NumPy, Scikit-learn), PySpark, R, Snowflake, Streamlit, Advanced Excel (Power Pivot, VBA), Tableau
Analytics & Machine Learning: Time series Analysis, Forecasting, Clustering, A/B Testing, Data Modeling, Data Visualization
Certifications: Power BI Data Analyst (Microsoft), Data Analytics (Google), Azure Data Fundamentals (Microsoft)

PROJECTS

Multiple Disease Prediction System <i>Python, Streamlit, Scikit-learn, NumPy, Pandas, Pickle</i>	(Link)
• Developed predictive machine learning models achieving 88%+ accuracy and deployed a Streamlit-based application with CI/CD pipelines to automate model updates and releases.	
AI-Powered Multi-Agent Research Assistant <i>Python, Langflow, AstraDB, Git, Streamlit, RAG</i>	(Link)
• Built a multi-agent LLM app that ingests health data, runs a RAG pipeline, and answers real-time research queries.	
• Implemented “Ask AI” functionality with agent routing through LangFlow and real-time data retrieval using Astra DB.	
Data Wrangling: NYC Taxi Trip Analysis <i>R, SQL, Geospatial Analysis, Data Visualization</i>	(Link)
• Performed statistical analysis on 1.4M+ taxi records to uncover peak demand hours, traffic patterns, and passenger behavior.	
• Built geospatial maps and heatmaps from GPS pickup data to highlight high-demand zones and peak commute periods.	

EDUCATION

University of Cincinnati, Carl H. Lindner College of Business (GPA: 3.96/4) <i>Master of Science, Business Analytics and Data Science</i>	Cincinnati, Ohio August 2024 – December 2025
• Teaching Assistant: Data Visualization and Statistics	
• Scholarships: Lindner College of Business International Outreach (2024), UC Global Scholarship (2024)	
KIET Group of Institutions (GPA: 3.6/4) <i>Bachelor of Science, Computer Engineering</i>	Ghaziabad, India August 2017 – July 2021