

ROHINI MALLIKARJUNAIAH

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EDUCATION

Stevens Institute of Technology
Hoboken NJ
GPA: 3.9/4.0

M.S. Business Intelligence and Analytics
Expected Dec 2026

Technical Skills/Certifications

- **Tools:** Python, SQL, SAS, Jupyter Notebook, Pandas, NumPy, Scikit-learn, Microsoft Excel, PowerPoint, Word
- **Machine Learning:** Regression, Clustering, Hypothesis Testing, Experimental Design, Multivariate Analysis
- **Visualization:** Tableau, Power BI, Matplotlib, Seaborn, Google Advanced Data Analytics Professional Certificate
- **Data Management & Integration:** ETL, Data Modeling, Normalization, Entity-Relationship Design

PROFESSIONAL EXPERIENCE

Graduate Assistant – Campus Recreation

Hoboken, NJ

Stevens Institute of Technology

Sep 2025 – Present

- Coordinated front-desk operations and student data for 200 + weekly participants using Microsoft Excel, ensuring accurate check-ins and organized facility scheduling.

Graduate Student Tutor

Hoboken, NJ

Stevens Institute of Technology

Sep 2025 - Present

- Mentored students in Python, SQL and data visualization, strengthening analytical understanding and communication through structured learning sessions.

NatWest Group

Bangalore, India

Senior Analyst-Financial Crime & AML

July 2024 - Dec 2024

- Analyzed large-scale financial transaction datasets to detect anomalies, increasing AML detection accuracy by 12% and reducing false positives by 15% through data-driven risk modeling and rule optimization.
- Delivered clear reporting and presentations to cross-functional teams using Excel dashboards and PowerPoint, demonstrating strong communication and attention to detail.

NatWest Group

Bangalore, India

Customer Service and Operations Analyst

Aug 2022 - June 2024

- Supported financial crime and customer exit reviews, collaborating with AML teams to identify high-risk accounts and strengthen due diligence workflows. Created real-time dashboards to track operational and compliance metrics.
- Created Excel-based dashboards to track operational metrics and prioritized multiple projects under tight deadlines, enhancing organizational efficiency by 7 %.

PROJECTS

Healthcare Claims Analytics – Syntegra Medicare CCLF <https://github.com/rohimallik572-svg/healthcare-claims-analytics-syntegra>

- Analyzed claims using Python, Microsoft Excel & Tableau to compare CVM vs Non-CVM utilization.

AI-Driven Business Performance and Customer Insight Dashboard (*Ongoing, 2025*)

- Built BERT/TF-IDF NLP models and Power BI & PowerPoint dashboards for insights.

Optimizing Pricing Strategy in Boston Retail Analytics <https://github.com/rohimallik572-svg/pricing-strategy-boston-retail>

- Used XGBoost, Microsoft Excel & Tableau to optimize pricing and profitability.

Amazon Extended ER Modeling <https://github.com/rohimallik572-svg/amazon-extended-er-modeling>

- Designed ER models in Excel & SQL to improve data integrity and scalability.

LEADERSHIP & AWARDS

- Treasurer – Stevens International Student Club (2025): Managed event budgets and led planning for 150 + students, demonstrating leadership and organization.
- Graduate Student Tutor Recognition (2025): Honored for excellence in academic mentoring and communication.
- Academic Excellence Award (2024): Recognized for maintaining a 3.9 GPA while contributing to campus leadership initiatives.