

SHAIK VIKHAR RABBANI

DATA ANALYST - Data Analysis, ML Data Preparation & Business Intelligence & Visualization

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📍 [Kitchener, ON](#)

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SKILLS

- **Coding Languages:** Python, SQL, data cleaning, data transformation, data wrangling and statistical analysis.
- **Visualization Tools:** Tableau, Power BI, dashboard development, KPI design and risk metrics visualization.
- **Data Operations:** Advanced Excel, Excel Macros (VBA), workflow automation & data validation automation.
- **Business Intelligence:** Executive reporting, stakeholder reporting, performance metrics tracking & reporting.
- **Machine Learning:** ML Data annotation, model dataset preparation, model accuracy improvement and design.

WORK EXPERIENCE

ML Data Associate II

August 2021 – August 2024

Amazon

India

- Investigated 500+ customer accounts monthly utilizing data-driven risk analysis methodologies, decreasing fraudulent transactions by 35%.
- Constructed data quality frameworks for reseller program datasets, enhancing ML model prediction accuracy by 28% through validation protocols.
- Architected streamlined investigation workflows through cross-functional collaboration, reducing manual review processing time by 40%.
- Analyzed SQL and Python datasets exceeding 10M+ records, generating insights that increased legitimate high-volume approvals by 25%.

Catalogue Associate

August 2021 – July 2022

Amazon

India

- Standardized 10,000+ raw data entries monthly for ML model training datasets, achieving 99.5% accuracy through validation procedures.
- Systematized data transformation workflows utilizing Python scripts, reducing processing time by 30% and increasing throughput capacity.
- Collaborated with ML engineering teams to identify dataset gaps, enhancing training data quality through systematic gap analysis methods.
- Exceeded productivity targets by 15% while maintaining top-tier quality metrics through optimized data handling workflow implementation.

Process Associate

August 2019 – March 2021

Genpact

India

- Processed 200+ vendor invoices weekly with 99.8% accuracy, ensuring compliance with financial policies and regulatory requirements.
- Identified and resolved payment discrepancies through root cause analysis, reducing financial errors and improving vendor relations by 30%.
- Developed Excel macros automating invoice validation procedures, improving process efficiency by 25% and reducing manual verification.
- Generated monthly financial reports analyzing vendor performance trends, supporting data-driven procurement and payment optimization strategies.

PROJECT EXPERIENCE

Younger Analysis Dashboard

York Region Educational Services

Data Analyst / BI Developer, Ontario

- Engineered interactive Tableau dashboard analyzing customer risk patterns utilizing transactional datasets, enabling real-time monitoring.
- Transformed raw datasets using Python and SQL pipelines, ensuring 99% data accuracy for reporting and analytical requirements downstream.

Advanced Interactive Dashboard Development (Tableau)

January 2024 – April 2024

Data Visualization Specialist

- Partnered a comprehensive Tableau workbook transforming over 500 rows of raw data into actionable insights through interactive dashboards.
- Designed 10+ complex calculated fields, parameters, LOD expressions, and table calculations to enable metric toggling and trend analysis.

End-to-End Business Intelligence Solution (Power BI)

May 2024 – August 2024

BI Analyst

- Built a scalable star-schema data model and implemented 15+ advanced DAX measures for time-intelligence and custom business logic.
- Engineered 5+ interactive reports with custom themes, slicers, and bookmarks, and automated data cleaning and transformation for 100+ records using Power Query.

End-to-End Banking Risk & Financial Analytics

September 2024 – December 2024

Data Analyst / BI Developer

- Volunteered a data analytics solution to perform risk analysis, identifying patterns in customer lending and deposits across 100+ accounts for financial risk mitigation.
- Created 5+ custom business metrics and DAX measures for Total Loan and Total Deposits, optimizing reporting and analytical workflows.

EDUCATION

Postgraduate Certificate in Big Data Analytics

September 2025 – April 2026

Georgian College, Barrie, Ontario

Postgraduate Certificate in Financial Planning and Services

September 2024 – May 2025

Conestoga College, Kitchener, Ontario

Bachelor of Commerce in Computer Applications

June 2016 – August 2019

St. Mary's Centenary Degree College, India

CERTIFICATIONS

- **Google Data Analytics Professional Certificate — Google**
- **Microsoft Certified: Data Analyst Associate — Microsoft**