

RAMISH FATIMA

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EDUCATION

Northeastern University

Sep 2023 – June 2025

Master's of Analytics GPA: 3.93

Relevant Coursework: Advanced Analytics, Machine Learning, Data Visualization, Big Data Analytics, Business Intelligence, Risk Analytics, Statistics

NUST School of Electrical Engineering and Computer Sciences

Sep 2012 – June 2016

Bachelor's of Science in Software Engineering

Relevant Coursework: Data Structures & Algorithms, Database Management Systems, Cloud Computing, Web & API Development

TECHNICAL SKILLS

Programming : Python, R, SQL (MySQL, MS SQL Server), Java

Data Visualization: Tableau, Power BI, Amazon QuickSight, Google Analytics, Domo, Airflow, Databricks

Cloud Platforms: AWS (Redshift, S3, EC2), Google Cloud, Azure, BigQuery, Snowflake, Kibana , MS (Word, Excel, PowerPoint, Visio)

Workflow & Automation: Jira, Jenkins, Git, Bitbucket, Jupyter Notebooks, Salesforce, Visual Studio , Confluence

Core Competencies: Data Governance, KPI Optimization, Business Intelligence, Predictive Modeling, ETL Workflow Automation, A/B Testing

EXPERIENCE

Redflag AI

Berkeley, CA

Data Analyst Co-op

Jan 2025 – Present

- Optimize ETL pipelines with Python, Apache Airflow, cutting processing delays by 35% and integrating 1M+ media data points in real-time workflows.
- Develop Qlik dashboards to analyze piracy trends, reducing unauthorized content by 23% and protecting \$1M+ in digital rights revenue annually.
- Process 50+ media datasets in R, reallocating underperforming content, boosting regional engagement by 18%, and unlocking \$45,000 in revenue.
- Lead cross-functional teams to enhance data governance, ensuring 100% compliance with DRM policies, preventing \$500K+ in legal exposure.

Share Mobility — Remote

Columbus, TX

Associate Data Analyst

Mar 2021 – Aug 2023

- Revamped AWS Redshift pipelines, automating rider churn business analytics and reducing churn by 20%, resulting in a \$250K annual revenue boost.
- Applied SQL-based route optimization, cutting idle vehicle time by 30% and increasing weekly ride capacity by 200+ with a 22% utilization gain.
- Evaluated chatbot performance using Python, reducing escalations by 35%, saving 400+ hours monthly, and improving user satisfaction by 22%.
- Implemented cost-focused Tableau dashboards, increasing adoption by 60%, reducing manual reports by 20%, and accelerating decision-making speed.

Netsol Technologies — Onsite

Lahore, Pakistan

Associate Data Analyst

Jan 2020 – Feb 2021

- Built MySQL forecasting models, improving repossession accuracy by 23% and mitigating \$1M in financial risks annually.
- Migrated financial data to AWS Redshift, reducing reporting time by 33%, cutting errors by 50%, and uncovering \$2M in cost savings.
- Designed Power BI dashboards for risk analytics, reducing credit risk exposure by 15% and increasing lending efficiency by 28%.
- Presented Python-driven insights to executives, improving budget allocation accuracy by 40% and optimizing \$10M+ in financial planning.

Mobilive Inc. — Remote

Toronto, Canada

Associate Business Analyst

Dec 2016 – Dec 2019

- Developed SAP BusinessObjects training, automating report workflows, eliminating 120+ manual hours monthly, and increasing data accuracy by 28%.
- Built Power BI dashboards, improving data accessibility, increasing customer retention by 15%, and reducing decision-making lag by 12%.
- Automated 500,000+ monthly data entries using Selenium WebDriver & RPA, reducing project timelines by 35% and eliminating 42% of manual errors.
- Integrated HR and finance pipelines in Power BI, reducing reporting lag by 50% and optimizing revenue forecasting by 15%.
- Audited API performance for 10+ systems, leveraging Swagger API & BigQuery, doubling processing speed, and reducing failures by 35%.

PROJECTS

XN Project: Optimizing Data-Driven Project Assessments for Traxidy

Aug 2024 – Dec 2024

- Integrated an AI-powered chatbot through LSTM into Traxidy's project management system, allowing stakeholders to generate conversational insights and resolve queries 3x faster than traditional methods.
- Designed a Tableau-integrated dashboard that centralized multi-project data, cutting manual effort by 4 hours per project and allowing a single manager to oversee 5x more projects simultaneously.

Optical Recognition and Predictive Analytics for Disease Identification

Jan 2024 – Mar 2024

- Leveraged Python to refine 15,000+ optical recognition records, enhancing data integrity through imputation and normalization, and used clustering and regression on 1M+ disease records to identify 150+ symptom-disease relationships and uncover 25 regional healthcare trends.
- Formulated Tableau-driven KPIs to track disease patterns, enabling predictive insights that guided healthcare interventions, improving diagnostic efficiency by 40% in high-risk populations.

CERTIFICATIONS

Tableau Desktop Specialist (Tableau) – Certified in data visualization and dashboard creation.

Jan 2024 – Apr 2024

Project Management Foundations (PMI) - Certified in project planning, execution, and risk management.

Sep 2024 – Dec 2024