

# Madina Kanafina

Springfield, VA

(willing to relocate)

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[LinkedIn Profile](#)

GitHub: [Portfolio Projects](#)

Data-driven professional with a strong foundation in analytics and a history of leveraging data to drive operational efficiency and informed decision-making. Skilled in SQL, MATLAB, R, and data visualization tools, with hands-on experience in statistical modeling and predictive analysis. Eager to apply a unique blend of operational expertise and analytical skills to a part-time or contract data-adjacent role as a steppingstone into a full-time data career.

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## EDUCATION & CERTIFICATIONS:

- **Google Data Analytics Professional Certificate** | Coursera | Completed September 2025
- **B.S. in Computational & Data Sciences** | George Mason University | *Expected May 2027*

## SKILLS:

- **Languages & Tools:** SQL, R, MATLAB, Excel (Advanced), Tableau, Google Sheets, RStudio, Git & GitHub, BigQuery, StatKey, Rguroo, Microsoft Office
- **Concepts:** Data Cleaning & Validation, Data Visualization, Regression & Statistical Modeling, Forecasting, Predictive Modeling, Hypothesis Testing, Database Management
- **Transferable Skills:** Problem-Solving, Analytical Thinking, Communication, Organizational Skills, Adaptability, Attention to Detail, Teamwork

## SELECTED PROJECTS:

- **Hospital Readmission Analysis (R, SQL):** Investigated patient readmission patterns by cleaning and merging hospital datasets, conducting exploratory data analysis, and visualizing trends to identify high-risk cohorts.
- **Damsel Bugs Population Study (MATLAB, Excel):** Modeled population dynamics and generated forecasts to identify key trends, including monthly birth/death rates and sales/transportation corrections.
- **Used Car Price Prediction (R):** Developed and validated regression models to forecast used car prices based on mileage and fuel capacity, performing diagnostic analysis to ensure model accuracy.
- **Contagion Simulation (MATLAB):** Designed an agent-based simulation to model COVID-19 transmission dynamics and project potential outbreak scenarios based on various intervention impacts.

## PROFESSIONAL EXPERIENCE:

**Health Data Specialist** | Neurology Center of Fairfax, Ltd. | Fairfax, VA | May 2024 – Feb 2025

- Maintained and organized digital records for over 40,000 patients in an EHR system, achieving 99.5% data accuracy through weekly system audits and strict HIPAA compliance.
- Developed procedures for information retrieval and reporting, reducing turnaround time for data access and supporting data-driven clinical decision-making.
- Collaborated with clinical staff to troubleshoot data and system issues, providing timely resolutions and ensuring data integrity.

**Casino Table Dealer** | MGM Resorts | Oxon Hill, MD | July 2021 – Dec 2023

- Managed high-volume financial transactions and operational data, ensuring accuracy and compliance in a fast-paced environment.
- Maintained meticulous records and documentation for auditing purposes, highlighting a strong attention to detail.
- Analyzed player behavior and game outcomes to ensure fair play and inform operational decisions on the casino floor.

**Jr. Analyst & Operations Coordinator** | Maconee | Astana, Kazakhstan | Feb 2016 – Mar 2021 | *Seasonal & Remote*

- Monitored and analyzed sales and inventory data to identify key trends and guide merchandising, supply chain, and marketing strategies.
- Managed and updated operational databases and spreadsheets to ensure accurate inventory and sales records, reducing carrying costs and preventing stockouts.
- Coordinated international logistics and customs documentation, ensuring smooth product flow across multiple seasons and time zones.

**Fine-Dining Waitress** | Nostos | Vienna, VA | Sep 2017 – July 2021

- Interpreted point-of-sales (POS) data to inform staffing and table management decisions, optimizing service efficiency and enhancing customer satisfaction.
- Analyzed customer feedback and sales trends to identify opportunities for business growth.