

Shane Kasmarogi

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Early-Career Data Analyst with experience in SQL, Python, and business reporting

WORK EXPERIENCE

Self-Employed • Remote • 02/2026 – Present

Freelance Business Analyst

- Partnering with a retail liquor and convenience store to analyze POS transaction data and identify opportunities to improve product mix and sales performance.
- Developing reporting analyses to support inventory planning and operational decision-making.

Rosalind Franklin University • Chicago, Illinois • 06/2023 – 05/2024 **Study Coordinator (Contract)**

- Analyzed recruitment campaign performance using Excel and Python, identifying top-performing channels that increased click-through rates by **22%**.
- Built an automated Excel budgeting system that reduced manual data entry **by 50%** and improved expense tracking accuracy.
- Standardized study training protocols to improve operational consistency and data integrity across research workflows.

Loyola University Chicago • Chicago Illinois • 08/2025 – Present **Graduate Assistant – Student Accessibility Center (SAC)**

- Manage and validate accommodation datasets across SharePoint, Teams, and Accommodate systems to maintain accuracy of confidential records.
- Organized internal datasets to support reporting needs and improve accessibility of administrative data.

PROJECTS

Chicago Free-Food Network (CFFN) Database System | MS Access, SQL, ERDPlus

- Designed a relational database (7 tables) to manage donors, inventory, and distribution events for a simulated nonprofit network.
- Automated reporting queries and structured data entry forms to improve tracking and reporting flexibility.

Financial Time-Series Forecasting & Risk Dashboard

- Built a forecasting model in Python using historical equity data to analyze trend uncertainty and market volatility.
- Developed a dashboard visualizing forecast scenarios and risk indicators (RSI, moving averages, Bollinger Bands) for decision support.

EDUCATION

Master of Science in Business Analytics

Loyola University
Chicago
GPA: 4.00
08/2025 – 08/2026

Bachelor of Science in Psychology

Arizona State University

Associate of Applied Science in Psychology

Scottsdale Community College

SKILLS

Programming: Python, R, SQL

Statistical & Analytical Methods:

Exploratory Data Analysis, Regression, Classification, Clustering, Forecasting

Databases: Snowflake, MySQL, ER Modeling

Visualization: Excel, Tableau, Power BI

Tools: Git, Jupyter, VS Code