

Adaline Powell

Graduate Student

(920) 843-7375 | adalinebrynnpowell@gmail.com | Milwaukee, WI 53212

LinkedIn: <https://www.linkedin.com/in/adaline-powell177>

Projects

Mental Health Observation & Crisis Response Mapping (Sept 2024)

ArcGIS • Spatial Analysis • Data Visualization

- Analyzed spatial patterns of non-violent crisis and mental health-related calls in Wauwatosa.
- Identified spatial hotspots and coldspots, evaluated overlap with community resources, transient population density, and NARCAN administration points.
- Delivered maps, a technical report, and a presentation to the Wauwatosa Health Department and Police Department with recommendations for resource allocation and crisis response planning.

YouTube Gaming Engagement Analysis (Current)

Python • SQL • Exploratory Data Analysis • Modeling • Predictive Analytics

- Collected YouTube video data to examine engagement patterns and content performance.
- Used R and Python to clean and model engagement metrics.
- Identify key video characteristics that drive and predict engagement .

Relevant Work Experience

Argosy Foundation – Research Assistant

Milwaukee, WI | June-August 2023 | September–December 2025

Project 1: Nonprofit Financial Practices Analysis

- Collected financial data from nonprofit organizations.
- Analyzed savings behavior and modeled how varying thresholds affect sector-wide grant eligibility.
- Developed tables, visual summaries, and scenario analyses for decision-making.
- Presented insights to internal stakeholders and delivered data-driven recommendations.

Project 2: Foundation Strategy & Public Communication Analysis

- Compiled datasets of peer foundations and sector leaders; cleaned and validated public statements.
- Conducted text analysis and topic modeling to extract themes from statements.
- Generated descriptive statistics on statement themes and strategic responses.
- Designed an infographic summarizing differences between sector leaders and general foundations.

Education

- Master of Science, Data Science – University of Wisconsin–Milwaukee
- Master of Arts, Political Science – University of Wisconsin–Milwaukee
- Bachelor of Arts, Political Science (Pre-Law) – University of Wisconsin–Milwaukee
- Bachelor of Arts, Philosophy – University of Wisconsin–Milwaukee
- Certificate, Quantitative Social Data Analysis – University of Wisconsin–Milwaukee

Skills

Languages: R, SPSS, Python, SQL

Tools: ArcGIS