

# GABRIELLE (GABI) FRIEDMAN

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## SUMMARY

Data professional with expertise in statistical modeling, data management, and machine learning. Joins analytical rigor with communication skills honed over a decade of teaching to produce clear, credible analyses. Collaborates efficiently with cross-functional teams to build reproducible workflows, design effective solutions, and deliver actionable insights.

## EDUCATION

**Bentley University** - *M.S. Business Analytics (Data Science)*, GPA: 3.97, Beta Gamma Sigma Sep 2023 - May 2025

**University of Chicago** - *M.A.T. Urban Education*, GPA: 3.92 Aug 2015

**Middlebury College** - *B.A. Psychology*, GPA: 3.67 May 2011

## SKILLS

**Analytical:** Predictive Modeling | Statistical Analysis | Forecasting | A/B Testing | Data Validation | Data Visualization

**Technical:** SQL (Azure Synapse, MS SQL Server) | Python | R | Power BI/Tableau | Excel (Analytic Solver add-in)

## PROFESSIONAL EXPERIENCE

**Bentley University**, *Data Science Research Assistant & SQL Tutor* - Waltham, MA Jun 2024 - Sep 2025

- Co-authored *Can AI Grade Mathematical Proofs* and analyzed evaluation data from 700+ proofs graded by LLMs
- Engineered dataset from multiple sources and publication-ready [Python code](#) for tables, figures, & statistical tests
- Developed Power BI dashboard with insights into AI error patterns; incorporated into design of [research poster](#)
- Tutored data management, advanced SQL & Excel; invited to present AI proof research at CIS Sandbox Summit

**Hensel Phelps** *Data Analyst IT Intern* - Remote May 2024 - Aug 2024

- Presented multiple Power BI dashboards and executive summaries to CIO, enabling real-time decision-making
- Leveraged Azure Synapse SQL to analyze 850 project records for completeness and 9,000+ PM notes for issues
- Built dashboards comparing 15 regions with weighted metrics for KPIs and forecasts for annual staffing needs
- Automated pipelines with PowerQuery, co-demoed Azure Data Studio with data engineer, and created wiki guides

**Deloitte Digital** *Salesforce Career Journey (SCJ) Program Participant* - Remote Feb 2024 - Apr 2024

- Completed 16 [Trailhead](#) badges; trained in CRM configuration, Lightning dashboards, and workflow automation

**Public Schools**, *Math Teacher, Grades 5-9* - Lawrence, Cambridge, Acton, & East Boston, MA Sep 2018 - Jun 2023

- Applied data-driven strategies that lifted MCAS performance to 2<sup>nd</sup> of 396 districts (85% student proficiency)
- Modified Desmos code within interactive slide decks, tailoring instruction to improve individual outcomes
- Revised math curricula and organized shared drive resources to improve workflow and alignment across classes
- Developed structured digital lessons for hybrid/remote learning that served 100+ students during the pandemic

**Mathnasium: The Math Learning Center**, *Center Director & Instructor* - Wellesley, MA Aug 2017 - May 2018

- Increased enrollment by 10% through client engagement, retention analysis, and Salesforce-based data tracking

**Additional Experience** – *Various Roles in Education*, Chicago & Wilmette, IL Sep 2011 - Jun 2017

- Taught in public and private schools as a middle school math and science teacher after a year of student teaching
- Worked as a UEI graduate research assistant and client services associate while earning UChicago MAT degree
- Served through AmeriCorps as a legal advocate at Apna Ghar, earned TESOL certificate, and taught adult ESL

## COMPETITION AWARDS

**AWB & NESS** | [1st Place](#) Excellent Student Research Award & [Student Poster Award](#) Spring & Summer 2025

- Presented AI Proof preliminary results at Analytics Without Borders & the New England Statistics Symposium

**Bentley E-Hub & Machine Learning class** | 1st Place Team Award, [AI-Powered App Design Competition](#) Fall 2024

- Demonstrated automated classification proof of concept (Convolutional Neural Network, 286K+ meal images)

## LEADERSHIP

**Bentley University Academic Integrity Council**, Graduate Student Representative Spring 2024 – Spring 2025

**Bentley Analytics Society**, Director of Communications & Outreach Fall 2023 – Spring 2024