

MY CAREER



- Clinical Data Analytics
Project Assistant at University
Health Data Lab (7 Months)
- Insurance Risk Modeling
Capstone at Midwest State
University (3 Months)

Completed a faculty-evaluated insurance analytics capstone focused on claim patterns, **data modeling**, forecasting, and presentation. Owned analysis workflow from source relationships through final interpretation for an 11-team class.

- Analyzed 12,000 simulated **insurance** records for claim frequency, coverage attributes, and regional patterns.
- Designed normalized tables and **SQL queries** linking member, claim, and provider information.
- Developed Excel and VBA forecasting workbook with controls, exception flags, and scenario summaries.
- Compared **R** regression outputs with **Power BI** visuals to identify presentation-layer differences.
- Documented assumptions, transformations, and quality checks in a guide supporting peer review.
- Presented complex risk findings in plain language, earning a top-project designation among 11 teams.

PROJECTS

Clinical Measure Validation Dashboard 📅 2026

Created a supervised analytics workflow combining SQL, Power Query, VBA, R, and Power BI to validate clinical measures, explain missing-value patterns, and present interpretable findings for research review.

Insurance Claims Scenario Model 📅 2025

Built a classroom insurance model with normalized data, SQL queries, Excel forecasting, R regression comparisons, and Power BI reporting for transparent scenario analysis.

LEADERSHIP & AWARDS

- Dean's List, Midwest State University, Fall 2025 and Spring 2026
- Top Project Designation, Insurance Risk Modeling Capstone, 2025
- Undergraduate Research Poster Finalist, Midwest State University, 2026

CERTIFICATIONS

- Microsoft Excel: Data Analysis and Visualization 📅 2026
- SQL for Data Science 📅 2025
- Power BI Data Visualization Foundations 📅 2026

PROFESSIONAL AFFILIATIONS

- Treasurer, Statistics and Data Science Student Association, 2025 - 2026
- Peer Tutor, Quantitative Methods Learning Center, 2026
- Student Presenter, Undergraduate Health Analytics Research Forum, 2026

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST