

## Education

Master of Science in Business Analytics (MSBA)

*University of Montana*

August 2023 – May 2025

GPA: 4.0\*

Bachelor of Science in Management Information Systems (MIS)

*University of Montana*

August 2021 – May 2023

GPA: 3.88

*\*Current GPA, grades released in May 2025*

## Experience

Capstone Project – The Dram Shop, Missoula, MT

November 2024 - Present

*Data Engineer and Data Analyst*

- Engineered a serverless Google Cloud Run application that automated product catalog management in Square POS, reducing manual data entry time by 80% and decreasing product listing errors.
- Designed and implemented a business intelligence dashboard using Google Big Query that visualized daily sales, order volume, and product performance metrics, enabling managers to identify and act on historical trends and top performing products.
- Architected an ETL pipeline using Google Cloud Functions to automate data refresh processes, reducing reporting delays from quarterly to monthly cycles and decreasing report preparation time from yearly to daily.

Applied Data Analytics Course Project - Craigslist Car, Remote

October 2023 - Present

*Data Engineer & Cloud Developer*

- Developed centralized analysis platform by architecting ETL pipeline using Python and SQL, turning fragmented vehicle market data across nationwide Craigslist listings, resulting in a clean, standardized dataset enabling cross-market price comparison.
- Identified need for intuitive data exploration interface; developed interactive dashboard using D3.js, Leaflet maps, and custom JavaScript components, enabling users to dynamically filter and analyze vehicles by make, model, year, price range, and location
- Discovered data gaps in geographic price variations; integrated Google Maps API for distance calculations and developed regression models analyzing regional factors, uncovering actionable insights such as accelerated truck sales in Montana and depreciated values in salt-belt regions.

Graduate Assistant - University of Montana College of Business

January 2022 - May 2025

*Teaching and Research Assistant*

- Developed automated workflows using Google Scripts and Forms, allowing students to access unique datasets efficiently, significantly reducing time for professor to distribute data to students.
- Led SQL class for 22 students, with my professor in a supervisor role. Gave specific tips on query optimization which resulted in students writing more efficient code and offered one-on-one help with challenging concepts which resulted in struggling students improving their grades.
- Tutored 80+ students in programming in SQL, VB.net, and C#, helping 80% of them getting an 'A' in coding-related courses with custom end of semester projects.

## Technical Skills

- Excel, Power BI, Python, R, SQL, JavaScript, HTML/CSS, C#, VB.net, Java, Tableau, Google Big Query