

Bryan Zamora

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Education

Bachelor of Arts, Concordia College, Moorhead, MN.

Exp: December 2025

Double Major in Computer Science (Data Analytics) and Environmental Studies (Sustainability).

Experience

Data Analytics Intern, Doosan Bobcat, Fargo, ND

01/2025 - Present

- Develop 5 secure, scalable dashboards using SQL, AWS Redshift, and QuickSight, supporting 3 departments and ensuring compliance with internal data security standards.
- Collaborate with a Solutions Architect to implement a new API documentation platform and developed a GitHub-based pipeline for automated updates, enabling cross-team contributions and streamlined collaboration.
- Apply data governance principles by standardizing reporting structures and dashboards across 3 departments, improving report consistency, and reducing manual edits.
- Audit and validate over 15 legacy and new data models to maintain data quality, ensuring accurate, complete, and actionable insights for stakeholders.

Student Manager, ITS Solution Center at Concordia College, Moorhead, MN

08/2024 - Present

- Regulate internal reports and issue logs across 3+ support channels, improving consistency and alignment with data governance practices and reducing reporting discrepancies by 15%.
- Create and maintain a centralized knowledge base with 20+ documented solutions, enhancing metadata accessibility and reducing average issue resolution time.
- Support data security compliance by implementing user permission protocols and privacy-aligned documentation practices across all technical support documentation.

Climate Data Intern, Sustainability Office at Concordia College, Moorhead, MN

08/2023 – 05/2025

- Ensures data quality by validating historical and newly collected data against predefined thresholds, incorporating stakeholder feedback to refine and test data collection methods.
- Managed metadata documentation through detailed README files and data dictionaries for 5+ datasets, increasing accessibility and usability for student researchers and campus partners.
- Developed scalable dashboards using PowerBI while ensuring documentation practices align with internal protocols for sensitive sustainability and operations data.

Mobile Expert at T-Mobile, Technology Connecting Customers Wireless, South Fargo, ND

04/2023 - 07/2023

- Utilized data governance standards by standardizing customer sales reports and documentation across 50+ transactions weekly, increasing reporting consistency and reducing manual corrections.
- Validated historical and new sales methods by reviewing trends and performance data, ensuring data quality through continuous feedback from customers and team leaders.
- Created and maintained instructional metadata files for internal sales data processes, improving accessibility and clarity for team members and reducing onboarding time by 30%.

Technical Projects

Fargo-Moorhead Housing Pricing | Shiny App – Data Visualization – Predictive Modeling

[GitHub Repository](#)

- Developed a Shiny app with interactive dashboards to visualize housing price trends, enabling dynamic filtering and data storytelling for real estate insights.
- Standardized and documented data pipelines using DuckDB and renv, enhancing data governance, reproducibility, and cross-user accessibility.

New York Traffic Crashes Casualties | Predictive Modeling - Visualization – Data Governance

[GitHub Repository](#)

- Designed interactive visualizations using ggplot2 and pROC to communicate casualty risks and spatial crash patterns, enabling data storytelling for public safety insights.

Skills

- **Languages & Querying:** SQL, R, Python
- **Data Visualization & Reporting Tools:** Power BI, AWS QuickSight, Tableau, ggplot2, matplotlib, seaborn

- **Data Management & Governance:** Data Quality Assessment, Metadata Management, Standardization, Master Data Validation
- **Data Analysis & Modeling:** pandas, NumPy, scikit-learn, dplyr, tidyr, DuckDB, caret, forecast
- **Cloud & Database Platforms:** AWS Redshift, RStudio, ArcGIS Pro
- **Power Platform & Automation:** Power BI, Power Query
- **Technical & Soft Skills:** Data Storytelling, Reporting Automation, Analytical Problem-Solving, Stakeholder Communication, Microsoft Excel (Pivot Tables, VLOOKUP, Charts), Reproducible Workflows (renv, Git)

Leadership and Programs

Treasurer, Latinx Organization for Achievement 08/2022 – 04/2023

- Managed budgets and created data visualizations to support transparent, data-informed decisions for event planning and resource allocation.

International Community Representative, Student Government Association 08/2023 – 05/2024

- Collected and analyzed student feedback data to guide inclusive policy proposals, presenting insights through reports to campus leadership.