

# Jennifer Arneson

McFarland, WI 53558 | jarneson55@gmail.com | (608) 658-3221

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## Professional Summary

Versatile and results-driven Data Scientist with 7+ years of experience translating complex datasets into actionable strategies across healthcare, nonprofit, and operations. Proficient in Python, SQL, R, Tableau, and Power BI, with expertise in predictive modeling, cloud-based pipelines, and stakeholder-focused analytics. Skilled at deploying end-to-end ML solutions, optimizing data workflows, and aligning insights with strategic goals. Recognized for driving innovation, improving compliance accuracy by up to 35%, and championing cross-functional collaboration.

## Technical Skills

Languages & Tools: Python, R, SQL, Git, Jupyter, Excel, Tableau, Power BI, SAS

ML & Analytics: Predictive Modeling, NLP, Anomaly Detection, A/B Testing, Forecasting

Cloud & Big Data: AWS (S3, EC2, SageMaker), GCP (BigQuery), Databricks, Snowflake

Data Engineering: ETL, Feature Engineering, CI/CD, Docker, Airflow, API Integration

Visualization & Reporting: Executive Dashboards, KPI Tracking, Stakeholder Insights

Soft Skills: Strategic Communication, Agile Collaboration, Technical Training

## Professional Experience

Data Scientist - Healthcare Analytics & AI Support

Wolters Kluwer Health | Madison, WI | Dec 2023 - Mar 2025

- Designed and deployed AI-driven models to detect drug diversion, boosting identification accuracy by 30%.
- Automated clinical ETL pipelines in Python and SQL, reducing processing time by 40%.
- Created interactive Tableau dashboards, cutting manual reporting by 50%.
- Collaborated with engineering and clinical teams to ensure compliance and actionable AI outputs.
- Delivered technical training and data storytelling sessions across hospital systems.

Data Analyst & Business Intelligence Manager

Gilda's Club Madison | Madison, WI | Jan 2020 - Feb 2023

- Built donor engagement models that increased fundraising conversion by 20%.
- Designed SQL and Tableau dashboards, reducing manual reporting workload by 40%.
- Led A/B testing initiatives improving email campaign responses by 25%.
- Automated CRM processes, enhancing data quality and reducing entry errors by 35%.
- Delivered insights supporting grant proposals and board reporting tied to health KPIs.

Operations & Forecasting Analyst

Nelson Global Products | Stoughton, WI | Oct 2017 - Dec 2019

- Developed time-series forecasting models that eliminated 98% of stock discrepancies.
- Automated SQL reporting scripts, saving 20+ hours weekly.
- Partnered with logistics and finance to resolve bottlenecks, reducing overdue orders by 50%.

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## Education

Master of Science in Data Analytics

University of Wisconsin-Whitewater | 2024

Bachelor of Arts in Psychology

University of Wisconsin-Milwaukee | 2017

## Certifications

- Google Data Analytics Professional Certificate (2025)
- Tableau Desktop Specialist (2023)
- Advanced SQL for Analytics (2025)
- AWS Machine Learning - Specialty (In Progress)