

Sarah Gallagher

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Data Analyst

Experienced in supporting healthcare operations through data analysis, cross-functional collaboration, and scalable, system-driven solutions. Proven success working with healthcare data domains (claims, authorizations, providers, patients) and building automated workflows and dashboards that enhance data integrity and decision-making.

Skills

- SQL Expertise
- Data Visualization
- Healthcare Data Ops
- Workflow Automation (ETL)
- Tableau & PowerBI
- Business Requirements
- Data Integrity
- Cross-Functional Collaboration
- Advanced Excel

Professional Experience

Data Operations Analyst | OncoHealth

April 2024 - Present

- Developed client-facing healthcare data findings, including root cause analysis, data specifications, and scalable solution proposals.
- Queried, validated, and automated healthcare datasets (3M+ records) across patient, provider, authorization, and claims domains using SQL and PySpark in Databricks.
- Contributed to ETL development using Azure-native tools, Airflow, and SFTP, supporting data workflows in an Agile SDLC environment.

Junior Data Analyst | Axos Bank

March 2023 - April 2024

- Created 30+ operational and audit reports, leveraging SQL, SSRS, and Tableau to manage \$1B+ assets.
- Collaborated with stakeholders to develop insights from complex, multi-source datasets.
- Supported data governance initiatives by validating critical reporting data for accuracy and compliance.

Projects

Process Improvement: Report Efficiency | SQL, Stored Procedures, Indexing

Optimized indexes and stored procedures in SSMS. Sample efficiency increase of 98%, projected savings of \$23K yearly.

Wind Turbine Reliability Analysis | AWS, SQL, Python, Pandas, Tableau

On a team of 5, owned ETL pipeline for 1M+ records; created AWS RDS SQL database, used Python and SQL for CRUD operations, and maintained database for team use. Created public-facing visuals based on machine learning outputs.

Education

Lean Six Sigma Yellow Belt | American Society for Quality, 2023

Data Science and Visualization Certificate | University of California San Diego, 2022

4.0 GPA. 20 project deliverables on a weekly timeline, including Python, Machine Learning, Statistical Modeling.

Bachelors of Arts in Education | Western Washington University, 2018

3.9 GPA. State President of Student Washington Education Association.