Sarah Gallagher

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Data Analyst

Healthcare Data Analyst with experience in SQL, Databricks, and data visualization tools, delivering cross-functional insights across payer and EHR datasets. Skilled in building scalable reporting for internal and external stakeholders, with hands-on expertise in PySpark, data modeling, and cloud-based data workflows. Experienced working with cloud-based data platforms to support data modernization and analytics development in Agile teams.

Skills

- Databricks (Develop & Query)
- Advanced SQL (Joins, CTEs, Window Functions)
- Data Visualization Design
- Power BI & Tableau
- Agile Cross-Functional Collaboration
- Cloud Data Lakes
- Cloud Platforms (Azure + AWS)
- Healthcare Data: Claims, Payer, EHR
- Advanced Excel

Professional Experience

Data Operations Analyst | OncoHealth   April 2024 - Present

- Delivered healthcare analytics for clients across lines of business, supporting root cause investigations, data specs, and reports used by internal and external teams.
- Worked across Databricks medallion architecture from bronze to gold layers, profiling, validating, and transforming 3M+ record healthcare datasets using SQL and PySpark.
- Built an automated workflow in Databricks using PySpark to transform and summarize data lake files for internal audit reporting.
- Validated and reconciled data across systems to support engineering, visualization, and client-facing teams, ensuring accuracy and alignment with stakeholder needs in an Agile environment.

Data Analyst | Axos Bank   March 2023 - April 2024

- Created and maintained 30+ operational reports using SQL, SSRS, and Tableau to support visibility across $1B+ in assets.
- Partnered with internal stakeholders to analyze multi-source data and deliver strategic reporting insights.
- Validated and documented reporting logic to support governance, audit readiness, and regulatory compliance.

Projects

CMS Inpatient Analysis | Databricks, PySpark, Power BI, Power Query, DAX, SQL
Modeled and transformed CMS data in Databricks, then visualized insights in Power BI.

Wind Turbine Reliability Analysis | AWS, SQL, Python, Pandas, Tableau
Developed ETL pipeline for 1M+ records using AWS, SQL, and Python; visualized trends with Tableau dashboards.

Education

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

Data Science and Visualization Certificate | UC San Diego Extension, 2022

Bachelors of Arts in Education | Western Washington University, 2018