

Meredith L. Sliger

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Portfolio: <https://meredithsliger.github.io/>

Driven data science and analytics professional with a background in data analytics and database administration. Currently pursuing a Master of Science in Data Science and Analytics at Clemson University, graduating in December 2025. Passionate about leveraging data to drive insights. Skilled in distilling complex datasets into actionable insights.

Proficient in:

- SQL, Python (Pandas, Matplotlib, scikitlearn, etc), Jupyter, R, Advanced Excel, Powerpoint
- Tableau, Power BI
- Data Cleaning, Profiling, Analysis
- Statistical Analysis
- Probability, Inference, Hypothesis Testing
- Data Transformation, Visualization
- Process Improvement, Documentation, Training

EDUCATION

Clemson University, Clemson, SC

EGD December 2025

Master of Science in Data Science and Analytics

University of South Carolina, Columbia, SC

December 2019

Bachelor of Science in Information Science

Minor in Integrated Information Technology

ANALYTICAL AND TECHNICAL

- Developed and maintained dashboards using Tableau to visualize key performance indicators and trends, supporting agile release planning on a weekly, monthly, and ad-hoc basis.
- Cleaned, transformed, and analyzed large datasets to ensure accuracy and reliability, supporting data governance and business intelligence projects.
- Familiar with modern BI toolsets and analytics programming languages (Tableau/SQL/Python/R).
- Conducted in-depth analysis using SQL to audit user access and permissions, identifying areas of improvement for database security projects and contributing to ad hoc analytical initiatives.

COMMUNICATION AND INTERPERSONAL

- Presented complex data findings and statistical analyses to internal stakeholders, translating technical information into actionable insights to guide business decisions.
- Collaborated with Digital Marketers, Data Scientists, and Data Engineers to gather and validate requirements, ensuring alignment with business objectives.
- Worked closely with cross-functional teams including software developers, quality assurance, and IT risk and compliance to document business, functional, and system requirements.

PROBLEM-SOLVING AND CRITICAL THINKING

- Evaluated and enhanced data collection processes for performance monitoring, driving increased efficiency and automation in data operations.
- Applied critical thinking to interpret data metrics and provide actionable recommendations to leadership for system improvements and strategic planning.

ORGANIZATIONAL

- Conducted regular audits to enhance data security and compliance, supporting IT risk management initiatives.
- Maintained up-to-date knowledge of business processes by generating comprehensive documentation of data methodologies and workflows for internal audits and compliance reviews.

WORK HISTORY

- Operations Analyst (Major Group), BlueCross BlueShield of SC, Columbia, SC September 2024 – Present (WFH)
- Database Administrator, Paycom, Oklahoma City, OK November 2021—August 2022 (Hybrid)
- Database Administration Analyst, Paycom, Oklahoma City, OK January 2020—November 2021 (Hybrid)