Data Analyst

Projects

Emergency Management Dashboard – Storm Resource Allocation | May 2025 – Aug 2025 - Developed an interactive dashboard for the Pennsylvania Emergency Management Agency (EMA) to analyze storm events, damage severity, and resource needs. - Implemented drill-down and drill-through functionality for county-level and storm-type analysis, improving stakeholder accessibility and situational awareness. - Delivered recommendations on monetary reserves and allocation of stand-by emergency resources based on year-over-year financial and storm damage trends.

Power BI Decision Model – MLB Wins Analysis | Mar 2025 – Jun 2025 - Built interactive dashboards using Power BI with advanced data cleaning and regression analysis. - Designed a structured analysis framework comparable to test case design, validation, and reporting on KPIs.

Enterprise Data Management Plan – Third Star Financial | Mar 2025 – Jun 2025 - Developed logical and conceptual data models to improve governance and data quality. - Delivered roadmap supporting requirements gathering, cross-team collaboration, and documentation standards.

Certifications

- Certificate in SQL Competency – LearnSQL.com | May 2025
- Power BI Reports and Dashboards – AICPA | Apr 2025

Education

Master of Science - Data Analytics | Southern New Hampshire University 2025-2026 - 3.72 GPA - 3x Honor Roll - National Society of Leadership and Success Nominee - Active member of CodingUnited club

Bachelor of Arts - Mathematics | Southern New Hampshire University 2021-2024 - 1x Honor Roll - Early graudate

Technical Skills

Languages/Tools: SQL, Python, R, Excel, Power BI, Tableau, MATLAB

Soft Skills: Communication, Critical Thinking, Stakeholder Collaboration, Problem-Solving

Experience

Long-Term Substitute Teacher

Laurel Highlands School District – Uniontown, PA | Sep 2024 – Jun 2025

- Collected, tracked, and interpreted quantitative and qualitative performance data.
- Collaborated with cross-functional teams (teachers, parents, administrators) to align requirements and outcomes.

Manager

Bootleggers' Bar & Grille – Uniontown, PA | Sep 2023 – Sep 2024

- Monitored KPIs and business metrics (sales, labor, inventory), creating actionable reports to improve operational efficiency.
- Directed teams in high-pressure environments, ensuring compliance with standards and quickly resolving issues—skills transferrable to defect resolution and change requests.