Kylar Sorensen

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https://www.linkedin.com/in/kylar-sorensen/
https://apache-pine.github.io/Portfolio/

Education

M.S. in Data Science – GPA: 4.0   **Jul. 2025**
Eastern University   *St. Davids, PA, U.S.A. (Remote)*

B.S. in Applied Technology – GPA: 4.0   **Dec. 2023**
Brigham Young University - Idaho   *Rexburg, ID, U.S.A. (Remote)*

BYU-I Software Development Certificate   **Apr. 2024**
BYU-I Database Certificate   **Dec. 2023**
BYU-I Web & Computer Programming Certificate   **Dec. 2023**
AWS Solutions Architect - Associate Certificate   **Jul. 2023**

Experience

Data Quality Analyst   **May 2025 – Current**
Comprehensive Healthcare   *Yakima, WA, USA*

- Developed complex SQL Server queries, views, and stored procedures to support CCBHC grant reporting, operational dashboards, and regulatory submissions, ensuring alignment with defined numerators, denominators, and regulated measurement windows.
- Validated data accuracy and completeness across multiple clinical systems by performing record-level audits, reconciling discrepancies, and implementing logic to handle edge cases such as duplicate clients, invalid values, and timing conflicts.
- Automated recurring data quality checks and reporting workflows using SQL and Python, reducing manual review effort and improving turnaround time for stakeholders.

Data Center Technician   **Aug. 2024 – May 2025**
Amazon Web Services   *Boardman, OR, USA*

- Built a Python-based application that ingested CSV ticket data, applied validation and transformation logic, and generated automated PDF reports for operational review.
- Engineered JavaScript automation scripts to orchestrate verification workflows, aggregate ticket metadata, and eliminate repetitive tasks, saving approximately 100 hours per technician annually.
- Documented operational workflows, tooling standards, and troubleshooting guidance in internal wikis to support onboarding, consistency, and knowledge sharing across teams.

IT Technician – Epic Application Analyst   **Apr. 2024 – Jun. 2024**
MultiCare - TEKSystems   *Yakima, WA, USA*

- Executed test scripts on various devices, including PCs, printers, scanners, credit card readers, and signature pads, ensuring hardware assets were operational before new software implementation.
- Provided excellent customer service by working closely with the project team and employees in an open business environment, minimizing disruptions during testing.

Projects

Data Science Programming - Python   GitHub Repo. Link
- Performed data cleaning, transformation, and exploratory analysis using Python to prepare datasets for modeling and reporting, applying reproducible workflows and version control.
- Produced visualizations to interpret data trends, contributing to a deeper understanding of the datasets.

Cloud Database Web App – Python and Django   GitHub Repo. Link
- Designed a relational database schema and backend services to support CRUD operations, enforce data integrity, and analyze structured gameplay data.
- Evaluated gameplay data to identify trends and derive statistics on player roles and outcomes.

Skills

- SQL and DBMSs
- Python (Data Processing)
- ETL/Data Pipelines
- Data Modeling (Facts, Dimensions, Schemas)
- DB Admin (Foundational)
- Git/Version Control
- Tableau/Power BI
- JavaScript (Automation Scripting)

Note: Please view online portfolio for more details.