Noah Sherman

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Profiles

https://www.linkedin.com/in/noah-malcolm-sherman-7a67192a9

https://github.com/nsherman24

Portfolio -- https://nsherman24.github.io/personal-portfolio/

Education

University of Arizona
Information Science
GPA 3.46

Focus on Data Science | Minor in Computer Science

Projects

ETL Pipeline for EV Infrastructure

Developed an end-to-end Extract, Transform, Load (ETL) pipeline for integrating multiple datasets related to electric vehicle (EV) infrastructure, electricity costs, and energy efficiency across U.S. states. Designed a relational database (RDB) using PostgreSQL on AWS to facilitate queries and analysis of EV charging stations, pricing models, and state-level energy savings.

Arctic Sea Ice Predictor

Applied advanced data analysis techniques using Pandas library to predict disappearance date of Artic Sea ice. Utilized SQL queries to efficiently extract and manipulate relevant datasets. Conducted linear regression and calculated anomalies. Demonstrated proficiency in handling extensive data and crafting meaningful visualizations.

Experience

University of Arizona Admissions
Data Operations Assistant

- **Database Management:** Indexed and organized student documents in the university's database for efficient retrieval.
- **Data Entry & Validation:** Ensured accuracy and integrity of sensitive data across multiple systems.
- **Report Generation:** Analyzed and created reports to optimize document processing workflows.
- **Collaboration & Remote Work:** Worked remotely through Microsoft Teams to troubleshoot data issues and enhance team productivity.

Skills

Python	SQL	Java
● ● ● ● ●	● ● ● ● ○	● ● ○ ○ ○
R (Statistical Computing)	**Data Modeling**	**AWS**
● ● ● ○ ○	● ● ● ● ○	● ● ● ○ ○

Awards

4x Dean's List With Distinction	Arizona Distinction Scholarship
Pedernales Electric Cooperative Scholarship	Fair Oaks Ranch Rotary Club Scholarship
Achievement Award	BISD Recognition Award