Darren Fisher

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RELEVANT EXPERIENCE

Just Energy   Houston, TX
Quantitative Analyst - Risk   November 2023 - Current
- Deployed Python data pipelines using Pandas and Polars to automate complex data workflows into Azure SQL and TSQL databases, which resulted in over $218,400 in annual cost savings.
- Developed credit models for commodity credit requirements using Python and R by integrating data from multiple APIs and vendor sources into our forecasting models, which led to a reduction of $168,000 in annual interest expenses.
- Created and modified SQL stored procedures in Azure Data Studio to automatically refresh over 20 views/tables for daily reporting, reducing over 5 hours of manual energy analytical reporting.
- Spearheaded the implementation of Azure DevOps while designing robust data governance standards to enhance financial data quality, search, and stewardship.

Loves Travel Stops   Oklahoma City, OK
Data Engineer Intern   August 2022 – December 2022
- Designed SQL ETL processes in Snowflake and SSMS to increase the analytical capability of daily, weekly, and monthly fuel sales for over 640 travel stops.
- Implemented SQL pipelines from AWS S3 to Snowflake that boosted data accessibility by creating 10 new analytical tables for the supply chain department.
- Automated SQL procedures with SSIS to reduce fuel operational analytical processing time by 66% (8 hours), enhancing the swiftness of fuel reporting and analytics.

BI Developer Intern   May 2022 – August 2022
- Programmed SQL stored procedures in SSMS for the financial analytics of over 700 retail stores, reducing over 4 hours of manual data entry from SAP while increasing financial data quality.
- Designed over 25 unique database tables of weekly, monthly, and yearly sales data from retail stores by utilizing star schema data warehouse principles.
- Modeled and updated data warehouse tables to support Ad Hoc requests from sales and inventory departments to eliminate over 10 bugs causing inaccurate data.

Netric   Dallas, TX
Co-Founder   July 2021 – May 2022
- Streamlined the decision-making process of cryptocurrency investing for wealth management firms by offering cryptocurrency analytics.
- Architected the team's data analytics stack that utilized Python and SQL for ETL, GCP for cloud storage, and Power BI for reporting.
- Engineered robust Python ETL pipelines to extract data from the Coinbase API, load it into GCP MySQL databases and Cloud Storage buckets, and expand the available datasets for clients.

EDUCATION

University of Oklahoma   Norman, OK
Master of Science in Management Information Technologies – Big Data & Analytics
Bachelor of Business Administration in Management Information Systems

SKILLS

Languages: SQL, Python, Java, HTML, CSS, and PHP
Software: SSMS, Snowflake, GCP, Azure, AWS, Prefect, SSIS, Azure Data Studio, VSCode, Git, and PowerBI