A. Favour Oshiokhale

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EDUCATION

University of Houston   Houston, Texas
BSc. Computer Information Systems   *Aug. 2018 - May 2023*
Certifications:
Tableau Desktop Specialist, Databricks Lakehouse Fundamentals (July 2023), Databricks Data Engineer Associate (August 2023)

SKILLS

Hard Skills: ETL, ELT, Exploratory Data Analysis, Data Warehousing, Database Design, Data Modeling
Languages/Frameworks: Python, SQL, JavaScript, PL/SQL, HTML/CSS, Vue.js
Tools: Git, Pandas, Polars, Jupyter Notebook, PowerBI, Tableau, Dbt, Airflow
Cloud Platforms: AWS, Azure, Databricks, Snowflake

EXPERIENCE

Data Engineering Intern   Jun. 2022 - Aug. 2022
Slalom Build   *Houston, TX*
- Conducted exploratory data analysis with SQL on a Snowflake Data Warehouse, uncovering actionable insights that informed strategic decision-making.
- Integrated employee Slack analytics into the company's data platform, enabling analysis of employee satisfaction metrics across 1,500+ users.
- Preprocessed 30,000+ employee survey responses using Pandas to enable sentiment analysis for an AI chatbot.
- Trained a machine learning model on the preprocessed survey data using AWS SageMaker for sentiment analysis.

Technology Consultant   Jan. 2023 - May 2023
University of Houston   *Houston, TX*
- Designed and implemented an end-to-end data platform for a local honey vendor to streamline their data management and analytics processes.
- Developed a relational database using MySQL to centralize and optimize data storage for vendor management, order tracking, and other critical business operations.
- Developed an interactive dashboard using the Vue.js framework to visualize and analyze data retrieved from a RESTful API built with JavaScript and Prisma.

PROJECTS

Letterboard | *Polars, Streamlit, Web Scraping*   Nov. 2023 - Dec. 2023
- Utilized BeautifulSoup (BS4) for structured web scraping, enabling precise retrieval of relevant information for further analysis.
- Developed an interactive dashboard using Streamlit, providing stakeholders with a user-friendly interface for dynamic querying and exploration of the aggregated data.
- Leveraged Polars to transform the enriched dataset into a structured and optimized data frame, facilitating efficient querying and analysis.

Money And Elections | *Airflow, Dbt, Snowflake, Docker, Metabase, AWS*   Feb. 2024 - Apr. 2024
- Orchestrated a data ingestion pipeline using Apache Airflow to automate the extraction of CSV files from the FEC website, conversion to Parquet format, storage in an S3 bucket, and loading into Snowflake.
- Utilized dbt to perform data transformations and modeling for creating analytics-ready datasets to power interactive dashboards.
- Leveraged Metabase to create interactive data visualizations and dashboards to explore and analyze key metrics.