Roger Qiu

Data Analyst at Cohere Health | M.S. Applied Data Science at University of San Diego

Personal Webpage: https://rogerqiu7.github.io/web-portfolio/
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Experience

Data Analyst - Cohere Health | Feb 2023 - Present | Boston, Massachusetts
- Developed and redesigned dozens of Python and Spark ETL pipeline jobs in Airflow, reducing runtime by up to 90% and decreasing EMR cluster costs.
- Created dozens of packaged functions, stored in GitHub, to perform in-depth exploratory data analysis (EDA) and preprocessing, efficiently processing millions of records daily.

Financial Analyst - National Oilwell Varco | Oct 2022 - Feb 2023 | Houston, Texas
- Leveraged Alteryx and SQL to develop and optimize dozens of automated data pipelines and workflows, saving hundreds of hours of manual ETL processes
- Developed and presented Power BI dashboards to report financial data to management for decision making

Financial Analyst - WernerCo. | Oct 2021 - Oct 2022 | Itasca, Illinois
- Modeled and presented monthly financial data from company income statements using IBM PA (Cognos TM1), Excel, and Power BI to assist internal partners and to present to external investors, leading to millions in savings of quarterly budget

Financial Advisor - Merril Lynch | May 2019 - Oct 2021 | Chesterfield, Missouri

Education

University of San Diego | **M.S. - Applied Data Science** · Sep 2022 - Aug 2024
Saint Louis University | **B.S., Healthcare Management, Information Technology Management** · Aug 2015 - May 2019

Skills

Python, Apache Spark, Apache Airflow, AWS Athena (SQL), Github, AWS Sagemaker, AWS Elastic MapReduce (EMR), Jira, Supervised Machine Learning, Statistical Modeling, Java

Projects

● **Breast Cancer Prediction**: Data science project using machine learning techniques to diagnose breast cancer such as EDA, data pre-processing and multiple models. Hyperparameter tuning is used to optimize these models, and feature selection techniques.

● **Patient Management System**: Patient management database created using Java and Java Swing for the GUI.