Roger Qiu

Data Analyst in Houston, Texas

I am a focused and motivated individual looking for opportunities where I can leverage data science and machine learning models to bring companies value.

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Project Portfolio: https://rogerqiu7.github.io/Web-Portfolio/

PROJECT EXPERIENCE

- **Life Expectancy:** Use of Keras sequential model from the TensorFlow library to build a deep learning neural network to predict life expectancy
- **Handwriting Recognition:** Use of KMeans clustering and SKlearn unsupervised machine learning model to predict user handwriting
- **Rent Prediction:** Created a multiple linear regression supervised machine learning model with Python to predict Manhattan rent prices
- **Stock Analysis:** Use of Pandas, NumPy, and Matplotlib to build stock comparison analysis with visualizations.

WORK EXPERIENCE

Shared Service Analyst — National Oilwell Varco, Houston, Texas
October 2022 – Present

- Leveraged Alteryx to create data pipelines and workflows to streamline manual ETL processes from multiple ERP data warehouses
- Analyzed and modeled financial data across numerous data warehouses using SQL and Excel Power Query
- Developed and presented Power BI dashboards to report financial data to management for decision making

Financial Analyst — Werner Co, Itasca, Illinois
October 2021 – September 2022

- Modeled and presented monthly financial data from company income statement using IBM PA (Cognos TM1), Excel, and Power BI to assist internal partners and to present to external investors.
- Performed dynamic data reconciliation with live connections to multiple data sources using Snowflake, SQL, advanced Excel PAX formulas and Power BI dashboards to help retrieve, manipulate, and visualize OLAP data.

EDUCATION

University of San Diego, MS in Data Science
- Expected Aug 2024 || GPA: 3.8

Saint Louis University, BS in Healthcare Management, Minor in IT management - May 2019

Tools:

- Python (Pandas, Matplotlib, NumPy, SKlearn, TensorFlow)
- SQL (MySQL)
- Alteryx
- Power BI, DAX Functions
- Excel, Power Query
- Jira
- IBM Planning Analytics (Cognos TM1)
- Oracle Cloud ERP
- Snowflake
- GitHub

Skills:

- Data ETL Development
- Supervised & Unsupervised Machine Learning
- Data Analysis & Visualizations
- Statistical Variance Analysis
- Corporate Financial Analysis