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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Summary

I'm currently a data analyst at Cohere Health, a healthcare technology company where I utilize Python, Apache Spark, Apache Airflow,and the AWS suite to develop and deploy data pipelines. I am currently pursuing a Master's in Applied Data Science at the University of San Diego, with a graduation date of August 2024. I have a passion for creating and developing, ranging from online applications to machine learning models. I enjoy drawing value from big data, with a particular interest in supervised machine learning models.

Projects

● **Diabetes Prediction**: Used various methods and machine learning models to predict diagnosis of diabetes based on individual features. Used hyperparameter tuning to find best parameters for each model that results in the highest AUC ROC score.
● **Life Expectancy**: Use of Keras sequential model from the TensorFlow library to build a deep learning neural network to predict life expectancy
● **Patient Management System**: Patient management database created using Java and Java Swing for the GUI.
● **Weather API**:Live weather API built using HTML, CSS and JS. It takes a city name from user input and display weather conditions of that city using JSON from weatherapi.com.

Experience

Data Analyst - Cohere Health **|** February 2023 - Present | Boston, Massachusetts

Financial Analyst - NOV | October 2022 - February 2023 | Houston, Texas

Financial Analyst - WernerCo. | October 2021 - October 2022 | Itasca, Illinois

Education

University of San Diego | **M.S. - Applied Data Science** · September 2022 - August 2024
Saint Louis University | **B.S., Healthcare Management, Information Technology Management** · August 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, Javascript, CSS, HTML, Java