

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/>

Linkedin: <https://www.linkedin.com/in/rogerqiu7/>

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

- **Breast Cancer Prediction:** Data science project using machine learning techniques to diagnose breast cancer such as EDA, data pre-processing, Logistic Regression, Decision Tree, Random Forest, K-Nearest Neighbors, and XGBoost. Hyperparameter tuning is used to optimize these models, and feature selection techniques.
- **Maze Game:** Java project consists of 7 classes, where a player moves around a 2D board without running out of health. The game will start with a reserved cell for the player and every other cell will be randomly assigned different elements.
- **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