Melanie Rayner-Patton

Data Analyst

Data Analyst with 1 year of professional experience and 4 years of academic experience in the field. Graduated from Southern New Hampshire University with a BS in Computer Science and currently attending Old Dominion University's MS in Data Science & Analytics program, with projected graduation in Fall 2024. Certified by IBM as a Data Science Professional. Experience working with programming languages such as SQL and Python and building dashboards using Tableau. High level knowledge of data structures, web scraping, statistics and data analytics. A more technical role geared towards analysis and data modeling is desired.

Work Experience

Data Operations Analyst

Advantasure

January 2023 to February 2024

Conduct regular and ad hoc reporting for clients using SQL, Toad Data Point, Excel and Tableau. Ad hoc reporting facilitated using JIRA. Database warehouses utilized include Microsoft Oracle and Microsoft SQL Server Management System.

Data Analyst Intern

KVLR Capital

October 2022 to December 2023

Compiled a database consisting of surgery centers from around the United States using the CMS website. Created a web scraper to gather missing information from Google Maps, such as business names and website URLs. Selenium Chrome Driver and Python were used to scrape Google Maps.

Education

Bachelor of Science in Computer Science

Southern New Hampshire University

February 2020 to June 2023

Master of Science in Data Science and Analytics

Old Dominion University

August 2023 to August 2025

Certifications and Licenses

IBM Data Science Professional Certificate

January 2022 to Present