

Data Engineer/Scientist Consultant

Overland Park, KS

Work Experience

Data Scientist

The University of Kansas Health System

Apr 2022 – Present

Kansas City, MO (Remote)

- Serve as an analytics consultant for building out a People Analytics function in the Human Resources department.
- Establish an infrastructure for reliable, clean, and connected data that enables leader-facing visualization of key themes impacting their workforce.
- Establish structure between HR reporting, business intelligence and people analytics with identified responsibilities and deliverables.
- Identify key metrics for each Center of Excellence within Human Resources.
- Develop a plan to integrate systemwide surveys and a method of communicating qualitative and quantitative analytics to leaders.

Data Engineer

The Hartford

Nov 2019 – Apr 2022

Hartford, CT (Remote)

- Build sophisticated datasets from on-premises OLAP systems using PL/SQL and T-SQL for claims performance analytics purposes.
- Design mockups, process flows, documentation for analytical systems.
- Create prototype metrics and dashboards for new data sources using Tableau.
- Develop SQL scripts that drive user tasks in the claims systems from data science model scores.
- Led a project to translate and rewrite over 50 SQL scripts of varying complexity, and their associated user task designs, from a legacy claim system to a new one.
- Collaborated with analysts, engineers, and mid-level leadership to research and select a suite of tools and technology to enable advancement on our department's data and analytics strategic roadmap.

Business Systems Analyst

The Hartford

Jan 2015 – Nov 2019

Hartford, CT (Remote)

- Analyzed and translated business needs and requirements into technical specification documentation within project time frames.
- Collaborated with cross-functional personnel to design, test, and implement HRIS data feeds using agile processes.
- Developed SQL scripts for data quality monitoring, research, and reporting.

General Skills

Leadership

Data Visualization Data Mining Machine Learning Statistical Modeling Predictive Modeling Data Preparation Project Management Business Analysis

Technical Skills

Database/Server:

Oracle, SQL Server

Programming Language:

SQL, Python, R

Other Software/Tools:

Tableau, Power BI, Dataiku, Hadoop, AWS Services, GitHub, Workday Prism Analytics

Education Master of Science Data Analytics

Rockhurst University

2020

- Focused on the technical skills behind statistical modeling, machine learning, predictive modeling, and data visualization.
- Coursework in: R, Python, Statistics, Applied Data Mining, Predictive Models, Text Mining, Big Data Analytics, Analytics Strategy, and Project Management.

Bachelor of Arts Economics

Truman State University

2011

- Communicated the relationship between data and business processes to a diverse audience.
- Created a project management tool in Excel for implementation teams resulting from Kaizen continuous improvement sessions.