





CHARLA SWAIN

ENTRY-LEVEL RISK ADJUSTMENT DATA ANALYST

CONTACT

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EDUCATION

Bachelor's of Science
Data Science
University of California,
San Francisco
2010 - 2014
San Francisco, CA

SKILLS

Python
SQL
R
Tableau
Microsoft Excel
Azure
SciPy
Data Preparation

CAREER OBJECTIVE

Driven and curious data analyst with experience working with Python, SQL, R, Tableau, and several more programming languages. With a passion for creative innovation and solving complex problems, I am eager to further implement my skills and improve my data analysis experience with a detail-driven data team like Amazon's.

WORK EXPERIENCE

Risk Adjustment Data Analyst Intern

Blue Shield of California

2014 - current / Oakland, CA

- Developed 6 methods to support the access, storage, and reporting of data sets that result from project initiatives
- Visualized and communicated the insights, patterns, and trends from complex data sets
- Performed data scrubbing, troubleshooting, quality checking, and usability analysis to identify 24 anomalies
- Developed knowledge of the top 33 KPIs related to Medicare Risk Adjustment and Hierarchical Condition Categories (HCCs)

PROJECTS

Toxic Mushroom Website - Biology Course Project

Created a website to provide a singular resource for identifying and learning about toxic mushrooms

- Pulled data from a 2021 mushroom study to craft a 6,800-line JSON file to accompany data from the 1980s and provide a D3.js chart
- Designed an interactive Sunburst chart using observables and D3.js
- Led a team of 3 engineers to complete 10 Git Pull Requests
- Drafted and wrote documentation of code complete with Machine Learning charts and hyperlinks to the web pages and data resources

Stock Analysis - Internship

Utilized stock market KPIs to determine the state of the tech sector of the stock market

- Maintained a working knowledge of Data ETL, visualization, API frameworks, and statistical methods in Python
- Cleaned data and accessed JSON endpoints for 15+ companies
- Conducted a regression analysis to determine the correlation between the NASDAQ's price-to-earning ratio to revenue growth