KAMAAL BARTLETT

DATA SCIENTIST

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SUMMARY

Skilled financial analyst and data science master's student with a solid foundation in SQL and data analysis for finance and healthcare industries, eager to leverage this experience to tackle complex data challenges and learn more about the vast world of data science

SKILLS

TECHNICAL: Python, Machine Learning, SQL, Data Analytics, Statistics, Mathematics, Big Data, Microsoft Excel, Hadoop
SOFT SKILLS: Communication, Leadership, Teamwork, Problem Solving

EDUCATION

Springboard Oct. 2022 - Current
Data Science Career Track Certification
500+ hours of hands-on course material, with 1:1 industry expert mentor oversight, and completion of 2 in-depth portfolio projects. Mastered skills in Python, SQL, data wrangling, data visualization, hypothesis testing, and machine learning

University of Denver 2023 - Current
Master of Science Degree Data Science

Youngstown State University
Bachelor of Science in Business Administration Finance

EXPERIENCE

The RFP Success Company, *Financial Analyst*, Remote June 2022 - Current
•Interpret data, and analyze results using analytics, research methodologies, and statistical techniques
•Find patterns and trends in analyzed data and prepare reports and projections based on analysis findings
•Utilize software programs to interpret and analyze large healthcare data sets
•Assist in the development of client communications, proposals, reports, spreadsheets, and presentations
•Collaborate with both small and large teams on project assignments

FairWind, Inc, *Accountant*, North Miami Sept. 2021 - June 2022
•Responsible for the AP and AR process for FairWind USA and FairWind Canada
•Prepare quarterly tax filings and annual state tax filing
•Prepare month-end financial statements, reconcile bank accounts, and make adjusting entries
•Conduct analysis of purchase orders and invoices to gauge company position on a month-to-month basis
•Process and analyze large sums of data in Excel using v-lookups and pivot tables

PROJECTS

NBA MVP Prediction
The NBA MVP Prediction project uses Python, Pandas, Machine Learning, Seaborn, Matplotlib, Linear Regression, Random Forest Regressor, XGB Regressor, and, LGBM Regressor to analyze NBA statistics and make predictions. The data used in this project was scraped from the web in combination with a Kaggle dataset, after cleaning the data and finding a correlation between statistical categories using a heat map, features were selected along with the target variable. From here, the data was split into training and testing sets and trained on prior season data where the MVP winner was already known. After returning accuracy scores of over 60% across all models, the data scraped from the web was put into the model and used to predict the current season's MVP winner. Overall, this project required a lot of testing between the independent variables and hyperparameter tuning in order to return the most accurate results. In a project like this, the accuracy score is very important as it tells us how many times the model can predict the correct winner for a given season based on the selected features.

Image Segmentation with Drones
The aim of this project is to explore, understand and make contributions to the technology that would give drones the capability to make deliveries. This project will be completed using Python, TensorFlow, Numpy, and Matplotlib