

Sodiq O. Gbadebo-Ogunmefun

Data Scientist

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SKILLS

Technical: Data analysis, Data wrangling, Web scrapping, Data modelling, Statistics, Data visualizations, Programming, Quantitative analysis, Machine learning, Data mining, Regression.

Tools and Languages: Python, R, SQL, HTML, IBM_db2, Tableau, PowerBi, Microsoft Excel, Microsoft Word, Microsoft Powerpoint, Numpy, Pandas, Dplyr, TidyR, Plotly, Matplotlib, Seaborn, Folium, Ggplot, Scikit-Learn, Keras, Git, Heroku, Streamlit, Dash.

SUMMARY

Driven to expand experience through hands-on training and guided participation in effective data management tasks. Ready to immediately contribute beneficial input to my employers. Enthusiastic and eager to contribute to team success through hard work, attention to detail and excellent organizational skills. A clear understanding of Python and SQL and training in Machine Learning. Motivated to learn, grow and excel in AI and Data science industry.

EXPERIENCE

Data Science Intern

August 2021 - November 2021

HamoyeHQ | Lagos, Nigeria

- Developed, analysed and modelled organisational data to evaluate potential process changes and design new methodologies.
- Managed and manipulated complex, high volume data from multiple sources by applying predictive modelling and business analysis skills.
- Applied statistics and machine learning techniques to explore and understand relationships within various datasets.
- Worked in a team of six established data scientists and experienced software engineers to write software for cutting-edge and scalable technology.
- Conducted feasibility analysis on various datasets and sources.
- Used maths, statistics and machine learning methods to derive key insights across Entertainments and Electrical industry sectors.

PROJECTS

[USA Domestic Airline Flights Performance](#)

- Created a dashboard that shows the analysis of USA Domestic Airline Flights Performance from the year 2005 to 2020.

- Performed visualization on the dataset using various charts that compares the domestic airlines with factors that can affect their performance.
- This analysis can be used to easily determine the domestic airlines with low and high daily and yearly performance.

Movie Recommendation System

- This system is an algorithm that predicts similar movies for movie lovers.
- Used TF-IDF vectorizer which was trained to remove all the stop words in the movie description.
- Created a Linear Kernel from scikit-learn that calculates the cosine similarity of each movie in the dataset.

Analysis of House Sale in King County USA

- This analysis is done on houses sold between May 2014 and May 2015.
- Performed visualization on the dataset using Box plot and Scatter plot that shows the relationship between the house price and factors that can affect the price.
- Used linear regression to predict house price with a specific house feature or factor.

SpaceX Falcon9

- Prediction of if the first stage of SpaceX Falcon9 will land successfully without crashing.
- Created an interactive map using folium to visualize the location (Longitude and Latitude) of each launch site on the global map.
- Created a dashboard using Dash web framework to visualize the records of each launch-sites.
- Used a confusion matrix to compare the accuracy of four classification models.

Analysis of Citi Bike NYC Data

- This analysis is to come up with solutions and investigate ways to reduce expenses in the Citi Bike program.
- Performed exploratory data analysis on the Citi Bike data to discover patterns and spot anomalies in the data.
- Used Google BigQuery to explore and prepare the Citi Bike data.
- Plotted bar charts to compare the features of the data that can impact the Citi Bike revenue.

CERTIFICATIONS

IBM Data Science

Applied Data Science Specialization

Machine Learning with Python

Python for Data Science, AI & Development

Databases and SQL for Data Science with Python

Data Science and Machine learning with R

Introduction to Deep Learning & Neural Networks with Keras

EDUCATION

Olabisi Onabanjo University

Bachelor's Degree in Electrical/Electronics Engineering CGPA(4.27/5.00)

Nov 2015 - June 2021