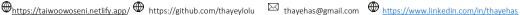
TAIWO OWOSENI, MDS.









SKILLS

Applications: AWS, Docker, PowerBl, Excel, Github, Git, Jupyter Notebook, Rstudio, Tableau

Programming Languages and Database: Python, R, MySQL, PostgreSQL

Libraries: Numpy, Pandas, Pytorch, Scikit-Learn, Matplotlib, Hugging face, Ggplot, Dplyr

Technical Skills: XGboost, GLM, Regression, Clustering, SVM

EXPERIENCE

Data Science Fellow - Correlation One

Jun'22 - Aug'22

- Teamed with 5 fellows in the build and delivery a data science product using machine learning and natural language processing (NLP) to analyze health outcomes and public sentiment
- Developed, validated, and executed algorithms to web scrape data (>50,000 observations), performed exploratory data analyses (EDA) and modeling for structured and unstructured data in Python.
- Wrote project frameworks and code dictionaries to enhance reproducibility and efficiency of workflows
- Communicated analytic findings to leaders and external partners using Tableau visualizations

Machine Learning Engineer - Trusting Pixel, Capstone Project

Apr'22 - Jun'22

- Built a machine learning model with 92% accuracy to distinguished between recaptured and original images
- Trained the model on 2000 images, validated it with 500 images and tested on 50 images
- Integrated the final model in a web app for easier adoption of Trusting pixel authentication team

Graduate Teaching Assistant: Database in Data Science - UBC

Feb '22- Apr '22

- Explained database concepts to 30 students leading to engaging question and answer sessions
- Provided meaningful feedback to 20 students after grading assignments and class works

Business Intelligence Operations Analyst - Airtel Nigeria

Sep '20 - May '21

- Developed queries to investigate over 100 suspected terrorists and authenticated over 1,000,000 existing customer
- Prepared reports that communicated market opportunities and conditions in 12 areas where the network was least used in 6 months

Lead Data Analyst - OneHealth Nigeria

Jun '20 - Sep '20

- Identified customers' buying patterns and proposed sales strategies that increased sales by 20%
- Discovered complementary products bought by customers and proposed putting the products in the same shelf. This helped selling 50 products three months before their shelf life

PROJECTS

Data Engineer: Data Pipeline for a Scheduled Real-Time Data Visualization

Utilized GitHub action to build a data pipeline with python scripts that ingests scraped twitter data generated by earthquakeBot. Transformed then loaded it into sub-folders. The loaded data is consumed by a script that creates a world map with a heat map showing the magnitude of earth quake in the world.

Machine Learning: feature interpretation and analysis

Interpreted, analyzed and compared the features importance of three machine learning algorithms: random forest, logistics regression and light gradient boost on a pumpkin dataset found in Kaggle

EDUCATION

Master of Data Science

Jun '22

University of British Columbia, Vancouver, BC, Canada **Bachelor of Technology, Computer Science**

Federal University of Technology, Akure

Oct '18