

# TAIWO OWOSENI, MDS.

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[Project link](#) : [Interactive Netflix Dashboard](#) | [Scheduled Real-time Data pipeline](#) | [ML Feature Interpretation](#)

## SKILLS

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

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

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

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

## EXPERIENCE

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### Data Science Fellow - Correlation One

Jun'22 – Aug'22

- Built and delivered a data science product using machine learning and natural language processing (NLP) to analyze health outcomes and public sentiment
- Developed algorithms to scrape > 50,000 observations to get a rich and diverse dataset for analysis.
- 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 distinguish 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

- Wrote queries to investigate over 100 profiles and authenticated over 1,000,000 existing customer profiles
- 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

## EDUCATION

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### Master of Data Science

Jun '22

University of British Columbia, Vancouver, BC, Canada

### Bachelor of Technology, Computer Science

Oct '18

Federal University of Technology, Akure