

# TAIWO OWOSENI

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## PROFESSIONAL EXPERIENCE

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### Open-source Software Engineer

Sktime, Outreachy

May '21 – Sep '21  
Remote, United Kingdom

- **Reduced package deployment time** by **refactoring** over seven existing forecaster classes to **eliminate redundant code**
- **Improved documentation** of the Sktime Library by 25% and wrote more tests for the forecasters and helper functions
- Led the annual Dev Week, and gave a **presentation of contributions** to open source to 14 people
- **Represented** sktime at the 2021 virtual Scipy conference, by **presenting a poster** to interested audience

### Business Intelligence Operations Analyst

Airtel Nigeria

Sep '20 – May '21  
Lagos, Nigeria

- **Improved reconciliation product** in 2 months, by constructing a scheduled process with focus on resolving system errors
- **Revamped data dictionaries** to match business processes for easier data manipulation in the business team
- **Conducted meetings** with support team to assist in ascertaining the effects of negative impacts to the customer base in an effort to avoid a penalty of over N3,050,000 per incident per month.
- Presented business reports to stakeholder and CTO **to communicate market opportunities** in 12 states over 6 months
- Wrote SQL queries to **investigate over 100 fraudulent profiles** and authenticated over 1,000,000 existing customer profiles

### Data Analyst

OneHealth Nigeria

Jun '20 – Sep '20  
Lagos, Nigeria

- **Supervised and trained** two sales pharmacists to **practice quality data entry**, and communicate findings with dashboards
- Identified top customers' buying patterns and **proposed sales strategies that increased sales by 20%**
- Developed data migration process by **correcting various data integrity issues** and **ensuring uniformity across all data fields**
- Developed monthly reports on employee productivity, content, and accuracy of assigned reports for management.
- Sold 28 products three months before shelf life, by **using basket analysis algorithm to analyse complementary products**
- **Built a functioning ETL pipeline** to implement **data quality control**, which increased creation of visuals efficiency by 50%

## SKILLS

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**Machine Learning:** Python, Decision Trees, Numpy, Pytorch, Scikit-Learn, Hugging Face Transformers, Keras, Tensorflow  
**Data Analytics & Engineering:** Hadoop, MapReduce, PostgreSQL, Spark, Matplotlib, Pandas, T-SQL, Parquet, Airflow, MySQL  
**Cloud Technologies:** Kinesis, AWS Lambda, AWS Glue, Open Stack, Athena, EC2, Docker, Linux, Kubernetes, Cloud Watch  
**Statistics:** Regression, A/B experiments, Anova, R, Rstudio, PowerBI, Ggplot, Dplyr, Hypothesis testing, Excel

## EDUCATION

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### Master of Data Science

University of British Columbia, Vancouver, BC, Canada  
Award: UBC - MasterCard Foundation Scholar

Sep '21 – Jun '22

### Bachelor of Technology (Honours), Computer Science

Federal University of Technology, Akure, Nigeria  
Award: Abdul-Kabir Aliu Foundation Scholar

Jan '13 – Oct '18

### Certifications

Vector Institute for Artificial Intelligence  
AWS Cloud Practitioner [Link](#)  
Introduction to Big Data [Link](#)  
Natural Language Processing with Classification and Vector Spaces [Link](#)