

# Akinwande Komolafe

Lagos, GU

-Email me on Indeed: <http://www.indeed.com/r/Akinwande-Komolafe/e17670fb6c31aed6>

## Work Experience

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### Data Scientist / Content Writer

NEPTUNE AI - Germany

June 2021 to Present

- Published an article on retraining model during deployment, continuous training and monitoring
- Provided recommendations on how to improve machine learning operations on the Neptune AI platform
- Develop pipeline components and infrastructure that analyze data, build models, and surface possible threats and authentication anomalies at scale, using Spark, SparkML, and H2O.

### Data Scientist

BAZARA PLATFORM - Lagos Bazara.co

January 2021 to Present

- Scheduled ETL pipeline for scraping data with Apache Airflow dags that feed data into the web app
- Automated python script which loads scraped data to google sheet using google sheet API and stored the transformed data on google cloud storage (GCS)
- Applied NLP Topic modelling algorithms to classify job descriptions into different categories
- Developed interactive dashboards with google data studio to derive insights on the scraped data

### Machine Learning Engineer

TERRAGON GROUP - Lagos, GU

June 2018 to Present

- Built conversion-rate models for different clients as per campaign objectives, which lead to an increase of over 50% in conversions across all campaigns we conducted.
- Developed a custom Named Entity Recognition (NER) model from scratch with spacy using Pyspark in order to identify entities in SMS texts.
- Built an advanced pattern matching to identify salary earners and verify their incomes.
- Automated ETL process using AWS EMR and Apache Airflow
- Deployed ML solutions on AWS lambda and built a custom model monitoring pipeline to monitor ML models deployed in production
- Developed RFM analysis to build a customer classification algorithm in order to segment customers more accurately.
- Developed company A/B testing and experimentation platform to identify best marketing segments
- Applied advanced analytics for customers to increase customer engagement and retention

### Data Scientist

MOOVE - Lagos, GU

May 2020 to August 2020

- Built a credit risk model, the model predicted drivers who were eligible to join the platform.
- Maintained the credit model platform which is utilised by the team. I provided advice and guidance on ongoing efficiency gains and new credit modelling methodology.

## Education

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### **B.sc in CHEMICAL ENG**

OBAFEMI AWOLOWO UNIVERSITY

June 2014 to June 2019

## Skills

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- SciPy
- Statistical analysis
- Regression analysis
- Clustering
- Statistics
- NumPy
- SQL
- NoSQL
- Pandas
- Machine learning
- Natural language processing
- Keras
- Spark
- AWS
- Python
- TensorFlow
- Logistics

## Links

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<http://Github.com/sensei-akin>