





# **RIDWAN** BANKOLE

DATA ANALYST, MACHINE LEARNING ENGINEER & GOLD FELLOW AT THE ROOM

## **PROFESSIONAL SUMMARY**

Aspiring Machine Learning Engineer with a strong background in data analysis, machine learning, and statistical modelling. Proficient in Python and SQL with a deep understanding of data science and predictive modelling. Dedicated to contributing to business development and self-learning applications through efficient machine-learning solutions. Graduated in the top 5% of the ALX Tech program and was selected for The ROOM's Gold Fellowship program.

# TECHNICAL SKILLS

- Programming Languages: Python and SQL
- Data Management: Data collection, data cleaning, data modeling
- Data Visualization: Power BI, Python
- Project Management: Trello
- . Statistics and Probability
- Machine Learning
- Scikit-learn
- Pytorch

# **SOFT SKILLS**

- Analytical Thinking
- Effective Communication
- Collaboration
- Attention to Detail

# WORK EXPERIENCE

Intern Data Scientist

Aug. 2023 - now

#### **ExploreAl Academy, South Africa.**

- Conduct data-driven analysis to address marketing content alignment challenges, leveraging machine learning techniques, focusing strongly on Large Language Models (LLMs).
- Utilize Large Language Models, including PyTorch-based models, to assess marketing content suitability and recommend enhancing relevance.
- Develop interactive machine-learning model dashboards using Streamlit.
- Deploy and maintain data models using AWS EC2 and S3 buckets, including PyTorch-based models, for data security and accessibility.

Pharmacist Manager

2020 - now

#### **Jufat Pharmacy and Store**

- Utilize data analysis to improve medication adherence by over 27%.
- Employ demand forecasting for inventory management, preventing stockouts and reducing sales loss by 50%.
- Enhance patient safety through data analysis, resulting in a 50% increase in adherence.
- Collaborate with healthcare teams, providing data-driven insights for targeted interventions.
- Design health promotion campaigns aligned with community health trends.

## **CONTACT ME**

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in https://www.linkedin.com/in/
bankoleridwan/

https://github.com/Bankrid

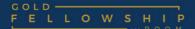
https://bankoleridwan.github.io/

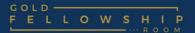
# **PROJECTS**

# **Movie Recommendation System**

- Collaborated with a 7-member team to create content-based and collaborative filtering recommender systems
- Conducted advanced EDA, feature engineering, and model evaluation, deploying the best-performing model via Streamlit and AWS EC2
- Presented the process and outcomes to diverse audiences, showcasing adaptability in communication styles.







Represented by: **The Room**Pathfinder: **Kutchi Katatumba**Pathfinder's Tel: **+256773170157** 

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# **EDUCATION**

# **Pharmacy**

Obafemi Awolowo University, Ile-Ife, Osun State, Nigeria

2013 - 2019

# **CERTIFICATIONS**

#### Data Scientist (2023)

ExploreAl Academy

#### Data Analyst (2022)

**Udacity Nanodegree** 

# Machine Learning Foundation (2022)

Udacity

#### Data Analyst (2022)

Simplilearn

#### **Oral Insulin Clinical Trials**

- Conducted comprehensive analysis of clinical data to assess the effectiveness and safety of X, an oral insulin treatment, compared to Y, serving as the standard
- Utilized Python programming and statistical techniques to investigate critical questions such as the effectiveness comparison between X insulin and Y insulin, dose optimization, and side effects analysis.
- Addressed data quality issues, including missing values, data types, and duplicated entries.
- Analyzed the relationship between dosage and side effects, aiding in treatment planning.
- Provided critical insights into optimizing diabetes management for improved patient care.

#### **Twitter Sentiment Classification**

- Led a six-member team in complex sentiment analysis using SVC, Decision Tree, Random Forest, and Naïve Bayes classifiers
- Deployed the highest f1-score model via Streamlit and AWS EC2, showcasing technical skills in deployment and accessibility
- Effectively communicated modeling insights to technical and non-technical stakeholders, fostering collaboration and understanding.

### **Spain Electricity Shortfall Challenge**

- Collaborated with a six-member team to comprehensively address the Spain Electricity Shortfall Challenge, utilizing regression-supervised machine learning techniques
- Deployed a trained model on a Flask web server via AWS EC2 for public access.
- Presented modeling process, findings, and results to technical and nontechnical stakeholders, showcasing technical prowess and effective communication.

### REFERENCES

• Available upon request