

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

CONTACT ME

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

🐙 <https://github.com/Bankrid>

🌐 <https://bankoleridwan.github.io/>

WORK EXPERIENCE

Intern Data Scientist

Aug. 2023 - now

ExploreAI 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 stock-outs 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.

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**

Pathfinder's email: kkatatumba@theroom.com

EDUCATION

Pharmacy

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

2013 - 2019

CERTIFICATIONS

Data Scientist (2023)

ExploreAI 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 non-technical stakeholders, showcasing technical prowess and effective communication.

REFERENCES

- Available upon request