

BANKOLE RIDWAN

Data Analyst | Data Scientist | Gold Fellow at The Room

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Ibadan, Nigeria (Ready to relocate)

<https://bit.ly/BankoleR-Portfolio>

SUMMARY

- As a pharmacist passionate about data science, I have four years of fronting data-driven solutions.
- Adept at leveraging Python, data analysis, statistical modeling, and machine learning to drive actionable insights.
- Successfully trained and deployed a machine learning model that achieved the first position on the Kaggle leaderboard.
- Seeking data science opportunities to help businesses gain a competitive edge with data.

EXPERIENCE

Data Scientist

OdumareTech

02/2024 - Present Remote

- Lead the Research and Innovation Department, tasked with addressing distinct challenges in machine learning on a 2-month basis.
- Initiate and oversee research projects to develop a hate speech detection system utilizing Python, sci-kit-learn, NLP, and Streamlit frameworks.
- Mentor and coach 10 aspiring data analytics students weekly, providing comprehensive training in Excel, SQL, PowerBI, and Python to foster their proficiency as effective data analysts.
- Collaborate closely with management to devise data-driven strategies enhancing organizational growth and performance.

Intern Data Scientist

ExploreAI

01/2023 - 12/2023 Remote

- Engineered a Python script for web scraping and analysis of customer reviews, generating actionable insights for targeted marketing campaigns.
- Spearheaded the development of an LLM-based application, shortening the time for creating persona-specific marketing content by 50%.
- Championed developing and implementing advanced statistical models, utilizing regression analysis to extract actionable insights from complex datasets.
- Collaborated closely with stakeholders to formulate data science problems, resulting in a 60% increase in project success rates.
- Presented modeling insights to technical and non-technical stakeholders, fostering collaboration and understanding.
- Developed and maintained over 15 predictive models and machine learning algorithms, achieving a 20% improvement in model accuracy.

TECHNICAL SKILLS

Python SQL Predictive Modeling

Classification Statistics K-means

Regression Analysis Model testing

Machine Learning Pytorch

AWS Services Flask Scikit

GitHub Web Scraping

Object Oriented Programming

Unit Testing Pytest

Deep Learning PowerBI Excel

SOFT SKILLS

Team Player Interpersonal Skills

Integrity Project Management Skills

Adaptability Communication

Collaboration

KEY ACCOMPLISHMENTS

Gold Fellow at The Room

Ranking in the top 5% of ALX Tech Graduates, showcasing a commitment to excellence, and honored as a Gold Fellow at The Room. Leveraged exclusive resources for extensive personal and professional growth through mentorship, networking, and skill-focused events.

EDUCATION

Higher Certificate in Data Science

ExploreAI, South Africa

01/2023 - 12/2023

Higher Certificate in Data Analytics

ALX / Udacity

07/2022 - 10/2022

EXPERIENCE

Pharmacist Manager

Jufat Pharmacy and Store

📅 01/2020 - 11/2023 📍 Ibadan, Nigeria

- Analyzed prescription refill records using Python, achieving a 67% enhancement in medication adherence and implementing tailored counseling strategies.
- Led demand-forecasting initiatives, preventing stock-outs and reducing sales loss by 50% through effective inventory management.
- Implemented a robust tracking system for outcomes and adverse events, resulting in a 50% increase in patient adherence and overall well-being.
- Collaborated with healthcare teams, providing data-driven insights for targeted interventions.
- Designed health promotion campaigns aligned with community health trends.

PROJECTS

Oral Insulin Clinical Trial

🔗 <https://bit.ly/Statistical-Testing>

- Conducted statistical modeling to examine the dose-response correlation between oral insulin (Auralin) and injectable insulin (Novodra), yielding valuable insights pivotal for designing and implementing a clinical trial focused on oral insulin.
- Utilized Python, Scipy, Hypothesis testing.

Targeted Marketing Using LLM

🔗 <https://bit.ly/Targeted-Marketing-Using-LLM>

- Built and deployed an LLM-based application for real-time feedback on marketing content alignment, improving lead generation by 20%.
- Utilized Python, HuggingFace, NLP, Neural Networks, and PyTorch.

Climate Change Sentiment Classifier

🔗 <https://bit.ly/Sentiment-Classification>

- Developed a classification model predicting user sentiment about climate change based on tweets.
- Utilized NLP, SVM, Decision Tree, Random Forest, and Bayesian Networks.

Renewable Energy Forecast

🔗 <https://bit.ly/Energy-Forecast>

- Collaborated on developing a regression model for predicting load shortfalls, achieving the first position on the Kaggle leaderboard.
- Used Flask, AWS cloud computing, regression algorithms, and Scikit-Learn.

Movie Recommender System

🔗 <https://bit.ly/Recommender-System>

- Built and deployed a recommender system, reducing the time to choose the right movies by 50%.
- Utilized sci-kit learn, AWS EC2, S3 bucket, unsupervised machine learning algorithm and streamlit.

EDUCATION

Bachelor of Pharmacy

OAU, Nigeria

📅 2014 - 2019

PROJECTS

Human Resources Absenteeism

🔗 <https://bit.ly/Staff-Absenteeism>

- Explored Human Resources data to unearth insights and recommendations to end chronic absenteeism.
 - Utilized Power BI, Python, and Excel
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User Engagement Analysis

🔗 <https://bit.ly/Engagement-Analysis>

- Analyzed a group chat history and provided recommendations to improve communication strategy and elevate user engagement.
- Utilized NLP, Python, Matplotlib, Power BI