

EKPO DAVID FRIDAY

Sagamu, Ogun state Nigeria

Date Of Birth: 23/09/1998

LinkedIn: <https://www.linkedin.com/in/david-ekpo-4b553718a/>

Github: <https://github.com/dekpo23>

SUMMARY

I am a passionate data scientist/ data analyst skilled in data analysis, visualization, problem-solving, business intelligence analysis, and programming with 4+ years of experience. I have also developed high-end machine learning applications as well as analysis and visualizations to help proffer solutions to social and business problems. I am motivated to improve my career in data science offering technical expertise to source production systems to support business decisions.

TECHNICAL SKILLS

Programming and Scripting	Data Visualization	Web Scraping
Data Visualization	Natural Language Processing	Business Intelligence Analysis
Cloud Computing	Financial Analysis	Presentation and Data Storytelling
Computer Vision	LLMs and Transformers	

PROFESSIONAL EXPERIENCE

AI Engineer fellow, GEN AI fellowship Nigeria Aug 2025 - Jan 2026

- Led a team to develop a USSD-based application that connects farmers with traders, improving access to agricultural markets.
- Analyzed sales and crime data to identify key patterns and trends, and communicated insights through interactive dashboards using Power BI and Google Sheets.
- Designed and implemented a PostgreSQL database, integrating it with Python using SQLAlchemy for efficient data management and querying.
- Developed a predictive model using the XGBoost algorithm to estimate wine quality, and deployed it via a FastAPI endpoint to enable real-time predictions based on input features.
- Built and trained a Convolutional Neural Network (CNN) to predict pasture biomass from images, enhancing agricultural monitoring through image-based analysis..

Data Scientist , Kaoshi Network

Sep 2023 - December 2025

- Developed and implemented Churn model using Python to predict if a customer churns or not with more than 90% accuracy.
- Developed a KNN model using Python to classify users into different key segments for marketing purposes.
- Generated comprehensive weekly reports using Google Sheets highlighting key performance indicators and trends.
- Presented insights to management for strategic decision making.
- Produced detailed monthly reports containing a wide range of performance metrics.
- Compiled and analyzed a weekly list of newly registered customers or users which helped identify patterns and trends to guide marketing and outreach efforts.
- Prepared and analyzed a weekly churn list which helped the CS department identify reasons for customer attrition and develop strategies for reducing churn.

EDUCATION

Bachelor of Science in Mathematics

University of Ibadan

March 2018 - June 2023

- Cumm. GPA: 3.13/4.0

CERTIFICATIONS

- Applied Data Science I: Scientific Computing & Python (with honors)
- Azure Developer Associate