

Ghislian Chigozie Ibekwe

☎ +234 (0) 8108665032 ✉ ibekweghislian@gmail.com [linkedin.com/in/chigozieibekwe](https://www.linkedin.com/in/chigozieibekwe)

Data Scientist with experience applying statistical analysis, machine learning, and AI evaluation methods to realworld problems. Skilled in Python, data science libraries, and statistical modelling with hands-on expertise in designing prompts, evaluating AI outputs, and producing reproducible gold-standard analysis. Adept at turning complex datasets into clear insights, visualizations, and executable models.

EXPERIENCE

Data Analyst Intern

Egobeke Cooperative

December 2023 - June 2024, Owerri Imo State

- Evaluated business data and AI-generated reports for quality, accuracy, and relevance, improving decision-making efficiency.
 - Applied statistical techniques and modelling to identify trends and patterns in customer data
 - Cleaned and transformed raw datasets, improving data quality by 30% and ensuring reproducibility.
 - Designed automated reporting pipelines in Python, MySQL, and Power BI, enhancing reporting speed by 40%.
 - Collaborated with a small team to automate reporting processes and visualize trends in customer data.
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PROJECT

EB-1A RFE Risk Analyzer ([GitHub](#))

Personal Project • July 2025

- Designed an AI-powered evaluation system that analyses legal petition documents to detect risk factors using Python, NLP, and supervised ML (90% predictive accuracy).
- Built rubrics and classification criteria mapping red flags to EB-1A legal standards, aligning with prompt evaluation methods.
- Produced structured reports (DOCX/PDF) with visualizations, severity ratings, and explanatory notes, simulating gold-standard analysis outputs.
- Integrated rule-based + ML pipelines with clear grading criteria for AI evaluation tasks.

Assessing Cybersecurity Awareness Level Among Student Using Machine learning ([GitHub](#)) Federal University of Technology Owerri • September 2024 - January 2025

- Developed a Random Forest model (89.14% accuracy) to classify cybersecurity awareness levels.
- Built an interactive Django app where users answered prompts and received graded, data-driven feedback.
- Conducted comparative evaluation across multiple models (Logistic Regression, SVM, Random Forest).

House Price Prediction ([GitHub](#))

Personal Project • August 2024 - October 2024

- Built a machine learning model using Random Forest and Linear Regression to predict housing prices across Nigeria based on features like location, size, and amenities.
- Cleaned and processed a large dataset of real estate listings to train and evaluate the model.
- Develop and deployed to web app using Django which allows users to input house features and obtain instant price estimates.

EDUCATION

Bachelor of Technology (B.T) in Software Engineering

Federal University of Technology Owerri • Owerri, IMO • 2024

CERTIFICATIONS

Complete Machine Learning Data Science with python

Goeduhub Technologies • 2024

Data Analysis Masterclass

Tech Academy • 2024

Python Developer Certified

Zero To Mastery Academy on Udemy • 2021

SKILLS

Programming and Tools: Python, MySQL, HTML/CSS, Power BI, Excel, Git, GitHub

Frameworks & Libraries: Scikit-learn, Pandas, NumPy, NLTK, SpaCy, Flask, Django, Hugging Face Transformers

Data Science and AI Expertise: Statistical Analysis, Prompt Design & Evaluation, Machine Learning, Predictive Modelling, Data Visualization, Model Interpretability, Feature Engineering
