# Ghislian Chigozie Ibekwe

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Data Scientist with experience applying statistical analysis, machine learning, and AI evaluation methods to real-world 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.

## 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)](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)](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