

Gazali Agboola

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PROFILE

Ph.D. candidate in Data Science & Analytics skilled in machine learning, deep learning, time series forecasting, and advanced statistical analysis. Proficient in Python, SQL, R, SAS, and SAP, with experience solving real-world business challenges through AI-driven solutions. I am passionate about leveraging data science for decision-making and operational excellence and project management.

EDUCATION

North Carolina Agricultural and Technical State University

Greensboro, North Carolina,

PhD. — Applied Science and Technology (Data Science and Analytics)

Expected Graduation: May 2026

Relevant Coursework: Machine Learning and Data Analytics, Multivariate Statistics for Engineers, Big Data analysis, Advanced Geospatial Analysis
GPA – 3.95/4.0

University Of Ilorin

Ilorin, Kwara State, Nigeria

Master of Science—Mathematics | GPA – 3.66/4.0

Dec. 2015

Bachelor of Science—Mathematics | GPA-3.54/4.0

July 2013

WORK EXPERIENCE

North Carolina A&T State University

Greensboro, North Carolina, USA

Data Science Research Assistant

Aug. 2022 – Present

- Developed machine learning models achieving **99.4%** accuracy in landslide susceptibility mapping
- Researched causal inference techniques in disaster management and built knowledge graphs for evacuation systems

FrieslandCampina WAMCO

Ikeja, Lagos, Nigeria

Commercial Data Analyst

Feb. 2020 – Dec. 2021

- Effectively monitored a credit control system with the supervision of commercial control manager and in collaboration with sales, finance, and executive team members to drive above **96%** of payment to invoice ratio in **2021**
- Analyzed customer credit reports and communicated decisions to the appropriate personnel in a timely manner which effectively maintained overdue of above 15days at below **18%** of total account receivable
- Optimized forecasting & demand planning, improving cash flow and credit risk mitigation
- Automated customer payment analysis using data that increased revenue by **20% in 2020**

FrieslandCampina WAMCO

Ikeja, Lagos, Nigeria

Business Support Analyst

Jan. 2017 – Jan. 2020

- Optimized Operational Performance:** Analyzed and reported KPIs, increasing line per call (**11→15**), callage (**20→26**), and achieving a 100% strike rate.
- Enhanced Data Integrity & Field Execution:** Identified performance gaps, implemented corrective actions, and ensured data accuracy within the Distribution Management System (DMS) database.
- Training & System Support:** Provided training on FrieslandCampina WAMCO tools and served as the NE division DMS resource personnel, improving team proficiency and system utilization.

SKILLS

- Programming:** SQL, Python, R, SAS
- Data Analysis & Modeling:** Machine Learning, Deep Learning, NLP, Time Series Forecasting, Causal Inference
- Data Visualization Tools:** Tableau, Power BI, IBM Cognos, Google Looker Studio, Matplotlib, Seaborn, Streamlit python
- Cloud & Systems:** Git, GitHub, DagsHub, DVC, MLFlow, Docker, Apache Airflow, AWS, Google Cloud, SAP, CI/CD
- Software & Systems:** Microsoft Excel (Advanced Macros, Pivot Tables), PowerPoint, Word, Linux
- Deep Learning:** PyTorch, TensorFlow, CNN, LSTM, Computer Vision, LLM
- Soft Skills:** Strong analytical thinking, problem-solving, teamwork, effective communication

PROJECTS AND RESEARCH

- Edu-Navigator Chatbot:** AI-powered chatbot for HBCU students using GPT-3.5 (2024)
- Credit Card Fraud Detection:** Unsupervised ML methods for financial risk analysis (2022)
- Landslide Detection:** Developed landslide detection system using computer vision segmentation models (2023-2024)

AWARD AND HONORS

- North Carolina ArcGIS Users' Graduate Academic Excellence Award **2024**
- HP Future of Work Academy (FOWA) winner **2024**
- Thermo Fisher Scientific Innovation Challenge (First Position) **2024**

CERTIFICATE AND TRAINING

Deep Learning Specialization by DeepLearning.AI ([Link](#)) | Databases and SQL for Data Science with Python by IBM
Python Project for Data Science by IBM([Link](#)) | Natural Language Processing in Python by Udemy