

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, USA
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
<ul style="list-style-type: none">Developed machine learning models achieving 99.4% accuracy in landslide susceptibility mappingResearched 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
<ul style="list-style-type: none">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 2021Analyzed 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 receivableOptimized forecasting & demand planning, improving cash flow and credit risk mitigationAutomated customer payment analysis using data from that increased revenue by 20% in 2020	
FrieslandCampina WAMCO	Ikeja, Lagos, Nigeria
Business Support Analyst	Jan. 2017 – Jan. 2020
<ul style="list-style-type: none">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

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|---|------|
| 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