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, CI/CD
- **Software & Systems:** Microsoft Excel (Advanced Macros, Pivot Tables), PowerPoint, Word, Ubuntu
- **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 (Link)
Python Project for Data Science by IBM (Link) | Natural Language Processing in Python by Udemy (In View)