

Alli Ajagbe

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Education

MS - Business Analytics	Wake Forest School of Business <i>NC, USA</i>	3.96/4.0	May 2026
• Honors & Leadership: Beta Gamma Sigma, Wiseman Scholar, Graduate Student Ambassador, Center for Analytics Scholar.			
BTech – Data Science, Econs & Business	Plaksha University <i>Punjab, India</i>	3.69/4.0	May 2025
• Honors & Leadership: Full Ride Scholar, Student Ambassador, Pioneer Student Election Committee Member.			

Skills

- **Languages & Development:** Python, Pandas, Numpy, Scikit-learn, SQL, R, Excel, Stata, Git, MS SQL Server, ETL Pipelines
- **Machine Learning:** Clustering, Time Series, Neural Network, Transformers, XGBoost, Statistical Modeling, Decision Trees
- **Data Architecture & Cloud:** GCP, Vertex AI, BigQuery, AWS (S3, SageMaker), Microsoft 365, Azure Synapse Analytics
- **Advanced Analytics & AI:** Tableau, Power BI, Predictive Analytics, Hypothesis & A/B Testing, LLM APIs, GenAI, Agentic AI
- **Strategy & Operations:** Data Storytelling, Stakeholder Management, Agile, Supply Chain Analytics, Project Management

Experience

Castlery Graduate Consultant <i>Winston-Salem, NC (In-person)</i>	Oct 2025 – Present
• Architecting a data-driven recommerce decision tree integrating cost, vendor performance, and operational constraints to replace manual 2-vendor selection, reducing cost per returned product by \$500 through optimized routing logic.	
• Developing end-to-end modeling frameworks across 2 core operational stages to identify high-impact intervention pathways, reducing customer friction points by 20% and improving overall product experience consistency.	
Benori Knowledge Data Science Tech Analyst <i>Gurgaon, India (In-person)</i>	Jan 2025 – May 2025
• Spearheaded an analytics engineering cycle to deploy an automated pipeline for dataset curation, incorporating testing and documentation best practices to save 25 hours weekly and generate \$20K per month .	
• Applied statistical sampling and hypothesis testing to ensure unbiased model validation, reducing EOD by 18% .	
• Enhanced feature engineering and ML pipeline logic , increasing model F1-score by 12% and reducing overfitting.	
Founder Forward Data Analyst <i>New York, USA (In-person)</i>	Jun 2024 – Aug 2024
• Built a Python-based ETL workflow to clean, transform, and load 5K+ records , improving data reliability by 45% .	
• Developed 4 interactive dashboards in Tableau and Python for decision-makers, reducing time-to-insight by 40% .	
• Partnered with the operations teams to automate 6 database processes using JavaScript, enhancing system efficiency by 93% .	
SBSF Agritech Data Scientist <i>Berlin, Germany (Remote)</i>	Jul 2023 – Aug 2023
• Ingested and preprocessed 22K+ data rows to build a scalable data enrichment pipeline supporting growth curve modelling.	
• Parametrized growth curves for 180 tree species in 40 agro-ecological zones , achieving a mean R-squared value of 0.86 .	
• Optimised ML models via Agile sprints, boosting performance by 23% and enhancing reliability of species suitability assessments.	

Projects

DataCamp Data4Good 4th Annual Analytics Competition Team Lead	Oct 2025 – Jan 2026
• Developed and evaluated 12 NLP and generative AI models in an end-to-end pipeline combining sentence embeddings, XGBoost, and LLM ensembles to classify answer factuality, achieving 0.97 macro-F1 .	
• Leveraged Microsoft Fabric and Azure Synapse to build an end-to-end analytics pipeline, utilizing Data Factory for data ingestion and automated quality checks.	
Wake Forest Data Analytics Challenge Tech Lead	Sep 2025 – Dec 2025
• Engineered 10 high-performance fraud-detection models using large datasets, achieving 84% capture rates and generating \$3.6M in projected annual fraud savings.	
PovertyPred: Deep Learning Project Machine Learning Developer	Jan 2024 – May 2024
• Built a hierarchical graph convolutional network (HGCN) to predict household poverty levels in Kenyan villages from 90K street images , achieving an accuracy of 91% (<i>Project nominated for paper publication as 1 of 7 top submissions</i>).	

Notable Mentions

- * 2026 **First Runner-Up** (East Coast Region) DataCamp's 4th Data4Good Analytics Competition, competing against **120 teams**.
- * 2025 Recipient of the **Wiseman Full-Ride Scholarship (\$85,000)**, Wake Forest University MSBA Program.
- * 2024 **Libra Internship Program Select** from a **global** pool with an acceptance rate of **2.8%** for summer internship, New York.
- * 2024 **Top 1%** in NPTEL Database Management System Course in a pool of **7134 students**.
- * 2024 **Caseify Winner**; Business Case Study Competition judged by consultants from BCG, India.
- * 2022 **Diana Award Recipient for Social Impact** through **Technology**, England.
- * 2020 **25Under25 Leadership Gamechangers** in Africa with a selection rate of **3%**, Nigeria (Youngest to receive the award).