

AKANDE IFEOLUWA OLUWADAMILARE

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SUMMARY

Data Science & Engineering professional with 5+ years of experience specializing in predictive analytics, data pipeline automation, and machine learning implementation. Proven track record of delivering data-driven solutions that optimize operations, enhance decision-making, and drive business growth across retail, fintech, and consulting sectors.

- Reduced data processing time by 75% and improved data accuracy to 95% through implementation of automated data pipelines and robust cleaning protocols.
- Developed predictive models achieving 85% accuracy and implemented optimization tools that increased forecast accuracy by 20% while reducing inventory costs by 15%.

EXPERIENCE

SEPTEMBER 2021 – PRESENT

Data Science Consultant(Freelance), Dwrangler Analytics

- Successfully mentored and advised over 40 US and UK-based data science students and organizations, enhancing their technical proficiency and project outcomes.
- Engineered a recommendation system using the ALS algorithm and PySpark, increasing user engagement by 30% and improving satisfaction metrics by 50%.
- Developed a predictive model for voter behaviour, accurately forecasting Democratic voting tendencies with an 85% accuracy rate.
- Implemented an innovative uplift modelling approach for treatment effectiveness, resulting in a 30% improvement in resource allocation efficiency.
- Leveraged Generic Digital Twin technology to enhance predictive analytics in retail, leading to a 20% increase in forecast accuracy and inventory optimization.

NOVEMBER 2024 – PRESENT

Full Stack Data Engineer (Contract), Pullus Africa

- Reduced data processing time by 75% through automation of the stock management pipeline, enabling real-time inventory tracking.
- Improved data accuracy to 95% by implementing robust cleaning protocols, preventing costly inventory discrepancies.
- Achieved 90% pipeline uptime, saving 20 hours weekly in manual updates.
- Boosted decision-making speed by 60% with interactive Looker Studio dashboards for instant stock and sales insights.

MARCH 2023 – SEPTEMBER 2024

Data Quality Engineer, Vendease (YC W21)

- Executed a comprehensive overhaul of transaction records, reducing discrepancies by 80%.
- Spearheaded data quality checks for all department and management dashboards increasing data reliability by 90% over manual processes.
- Streamlined financial reconciliation, cutting processing time by 60%.
- Implemented an automated flagging system for order discrepancies and a stakeholder notification system, improving issue detection and resolution rate by 50%.
- Developed pipelines to identify cross-system data inconsistencies, and automated error detection mechanisms across all data sources, pipelines, triggers and dashboards, improving data consistency by 80%.

FEBRUARY 2021 – FEBRUARY 2023

Data Scientist, Foodco Nigeria Limited

- Developed and implemented a demand forecasting model using Prophet, accurately predicting inventory needs for over 23,000 SKUs, resulting in a 25% reduction in stockouts and a 15% decrease in excess inventory costs.
- Engineered an e-commerce analytics report using KNN clustering, identifying high-value customer segments and enabling targeted marketing strategies that increased customer retention by 20%.
- Created an inventory optimization tool and operations dashboard, streamlining supply chain processes and improving overall operational efficiency by 30%.
- Automated data wrangling processes through pipeline development, reducing manual data processing time by 70% and significantly improving data accuracy.

JANUARY 2020 – FEBRUARY 2021

Data Analyst, Westville Consulting

- Spearheaded the revamp of BOVAS and Company Limited station performance assessment project, resulting in a 25% increase in overall sales across all stations nationwide.
- Conducted in-depth financial analysis and business development strategies for TUG Rail, a startup company, contributing to a successful launch and securing initial funding.
- Developed data-driven business strategies for Refreshment City Company Limited, leading to a successful introduction of a premium brand and a 5% gain in market share within the first six months.

MAY 2020

Data Analyst, Orodاتا Science and Civic Technology (Contract)

- Conducted comprehensive analysis and visualization of corruption cases in Nigeria for Charles Development Foundation, collaborating with key security agencies.

SKILLS & TECHNOLOGIES

- **Programming & Data Frameworks:** Python, SQL, Pandas, Scikit-Learn, PySpark, Airflow, Django, Streamlit, Looker, Infogram
- **Tools & Infrastructure:** Git, GitHub, GitHub Actions, Docker, Bash, Heroku, Notebooks, Jira, DBT, PostgreSQL, MySQL, Clickhouse
- **Cloud Services & Data Platforms:** Redshift, Snowflake, GCP, BigQuery, Compute Engine, Azure VM, Cloud Functions, Cloud Run, AWS lambda, EC2, S3, AWS SAM, Databricks, AWS Athena, AWS Glue, Azure synapse, Azure Blob Storage, Google Cloud Storage

CERTIFICATIONS & TRAINING

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| • Designing Data Warehouse from Scratch (Data Mastery Lab) | 2024 |
| • Data Science Nigeria Bootcamp | 2020 |
| • Codecademy Data Science Path (26/26 modules completed) | 2019 |
| • Classic Systems InfoTech (An Affiliate of Federal University of Technology, Akure) (SQL, Oracle Certified Associate & Professional) | 2010 |

EDUCATION

Obafemi Awolowo University, Ile – Ife	
Master of Business Administration	2017 – 2019
Computer Science with Economics	2007 – 2014