

AKANDE IFEOLUWA OLUWADAMILARE

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EXPERIENCE

SEPTEMBER 2021 – PRESENT

Data Science Consultant, **Dwangler 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, significantly improving user engagement and satisfaction.
- 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.
- **Leveraged on:** Pandas, Pyspark, Scikit-Learn, Git, GPT-4, Streamlit, Machine Learning Models, Monte Carlo Simulation

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.
- **Leveraged on:** Python, Git, Github Actions, Redshift, SQL, DBT, Airflow

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%.
- Engineered automated solutions using Airflow, reducing unresolved order issues by 85%.
- 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%.
- **Leveraged on:** Pandas, Airflow, DBT, Docker, Postgres, Clickhouse, BigQuery, Github

FEBRUARY 2021 – FEBRUARY 2023

Data Scientist, **Foodco Nigeria Limited**

- Developed and implemented a demand forecasting model using Prophet, accurately predicting inventory needs for over 23K 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.
- **Leveraged on:** Pandas, Looker, Infogram, GCP, GitHub Actions

JANUARY 2020 – FEBRUARY 2021

Data Analyst, **Westville Consulting**

- Spearheaded the revamp of BOVAS and Company Limited’s 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.
- **Leveraged on:** Pandas, Infogram

MAY 2020

Data Analyst, **Orodata Science and Civic Technology (Contract)**

- Conducted comprehensive analysis and visualization of corruption cases in Nigeria for Charles Development Foundation, collaborating with key security agencies.
- **Leveraged on:** Pandas, Infogram

SKILLS

- **Languages/Frameworks:** Python, Pandas, PySpark, Airflow, Django, Streamlit
- **Software/Tools:** PostgreSQL, MySQL, Notebooks, Git, GitHub, Docker, Bash, Heroku, Jira, DBT
- **Cloud Services:** Snowflake, BigQuery, Cloud Functions, Cloud Run, AWS lambda, EC2, S3, AWS SAM, Databricks, AWS Athena, Glue

CERTIFICATIONS & TRAINING

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|---|------|
| • 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

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|-----------------------------------|-------------|
| Master of Business Administration | 2017 – 2019 |
| Computer Science with Economics   | 2007 – 2014 |