

# Israila Olatunji DARE

Data Scientist & IoT Specialist | Tolaram Group, Lagos

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🌐 amb-olatumji 🌐 Portfolio

## TECHNICAL SKILLS

- Python
- SQL
- R
- Machine Learning
- Deep Learning
- NLP
- XGBoost
- Random Forest
- TensorFlow
- scikit-learn
- Pandas / NumPy
- Streamlit
- FastAPI
- Power BI
- Azure Data Factory
- IoT Systems
- Data Pipelines (ETL)
- LLM / Agents
- Git
- MySQL

## SOFT SKILLS

- Analytical Thinking
- Project Management
- Stakeholder Communication
- Team Leadership
- Problem Solving

## EDUCATION

## PROFESSIONAL SUMMARY

Experienced Data Scientist & IoT Specialist with 6+ years across energy and FMCG sectors, leveraging machine learning, deep learning, and intelligent automation to drive operational efficiency, revenue growth, and data-driven decision-making. Adept at building end-to-end ML pipelines, IoT telemetry systems, and AI-powered analytics products. Currently at **Tolaram Group**, one of West Africa's largest conglomerates.

## PROFESSIONAL EXPERIENCE

- Data Scientist / IoT Specialist** Jul 2025 – Present  
 Tolaram Group · Lagos, Nigeria (On-site)
  - Driving data science and IoT integration across FMCG operations for one of West Africa's largest conglomerates.
  - Building ML pipelines and SaaS-enabled data products to optimise supply chain and operational decision-making.
  - Developing semantic BI models and MCP servers for NLP-driven business intelligence querying (Guinness Nigeria).
- Team Lead — AMI & Meter Data Analysis** Jan 2020 – Jul 2025  
 Eko Electricity Distribution Plc (EKEDC) · Lagos (IT Commercial)
  - Built XGBoost & Random Forest models for predictive maintenance of 800,000+ IoT meters — reduced downtime by **15%**, improved accuracy by **20%**.
  - Analysed data uncovering trends contributing to a **10% revenue increase** and ₦5.4 billion monthly revenue growth.
  - Automated data pipelines with Azure Data Factory, improving operational efficiency by **40%**.
  - Led IoT module deployment across **419 feeder meters** with 98% transmission success rate.
- Team Member — Programming Device / AMR** Jul 2019 – Dec 2019  
 Eko Electricity Distribution Plc (EKEDC) · Lagos
  - Managed smart meter acquisition and deployment within AMI/AMR systems.

**MSc Information Technology**

University of Lagos · 2021–2023

Focus: Data Science

**BSc Computer Science**

Osun State University · 2013–2017

Second Class Upper

**CERTIFICATIONS**

**IBM Data Science Methodology**

IBM / Coursera

**Tools for Data Science & NLP**

IBM / Coursera

**Project Management Professional**

British PMA · 2018 · #1423003

**CRM Professional**

CICRM Nigeria · 2019 · #32476897

**LANGUAGES**

English — Fluent

Yoruba — Native

- Optimised meter databases using SQL, improving data processing efficiency by **30%**.
- Trained 50+ staff, increasing installation accuracy by **20%**.

**Student IT Intern**

Apr 2016 – Sep 2016

**NetIt Solutions Limited**

- Monitored server operations, performed hardware maintenance, and provided end-user support.

**KEY PROJECTS**

**Guinness-MCP — Semantic BI / NLP Server**

2026 · Private

Tolaram Group · Python

- MCP server powering NLP-driven querying of Guinness Nigeria semantic business intelligence models.

**InsigniaDowntime — IoT Downtime Tracker**

2026 · Private

Tolaram Group · Python / Microcontrollers

- Real-time downtime monitoring system using IoT microcontrollers for industrial facility management.

**EKEDC-DS — Energy Data Science Suite**

2025 · Public

Personal / EKEDC work · Python, SQL, Power BI

- Comprehensive toolkit covering ML modelling, SQL pipelines, and Power BI dashboards from 5 years at EKEDC.

**Movie Recommender System**

2024 · Public

Python · Streamlit · [Live Demo](#)

- Collaborative filtering recommender system with live Streamlit web app deployment.