

ITOYA EROMOSELE

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PROFESSIONAL SUMMARY

Data Scientist and Web Developer with experience building dashboards, predictive models, and full-stack applications. Skilled in Python, SQL, Power BI, Machine Learning, NLP, React, and Next.js. Founder and tech instructor with a track record of training learners and delivering functional websites for clients. Known for clean code, practical problem-solving, and turning data and business needs into real working solutions.

TECHNICAL SKILLS AND TOOLS

- Programming: Python, SQL, R
- Analytics: Pandas, NumPy, Statistical Analysis
- Visualization: Power BI, Tableau, Excel, Seaborn
- Machine Learning: Supervised & Unsupervised models, Classification, Regression
- Natural Language Processing (NLP): NLTK, Text preprocessing
- Web Technologies: HTML, CSS, JavaScript, React.js, Next.js
- Others: Data cleaning, EDA, Reporting
- Backend/Databases: Supabase, Firebase, MongoDB, Appwrite
- Version Control: Git and Github

PROJECTS

Data Science Job Market EDA – Personal Project (August 2023)

- Analyzed 7,000+ data science job postings using python to uncover hiring trends and skill gaps.
- Applied advanced Regex to extract key requirements from job descriptions.
- Used pandas, seaborn, and wordcloud to generate insight-rich visualizations and a clean, actionable report.

Sentiment Analysis on Airline Tweets (September 2023)

- Performed sentiment analysis on 14,000 airline customer reviews using Python and NLTK.
- Executed end-to-end text preprocessing, topic insights, and complaints clustering.
- Built a predictive model achieving **88% accuracy and a 34% lift**, highlighting major customer pain points.

Customer Sales Analysis (October 2024)

- Queried and joined data from 8 related SQL tables to build a complete customer-sales dataset.
- Executed transformations, aggregations, and trend filtering to improve reporting accuracy.
- Visualized results in Python to identify performance drivers and actionable sales opportunities.

Inventory Management System – MERN / Next.js (2025)

- Built a full-stack management system with modules for products, sales, and reporting.
- Implemented authentication, role-based access control, and activity logs for security.
- Integrated database persistence and real-time updates using **Firestore**.

E-Commerce Website – AirLine Clothing Store (2025)

- Developed a complete online clothing store with product listings, cart & checkout workflow.
- Built responsive UI with **React / Next.js**, and integrated payments and email notifications.
- Designed Admin Dashboard for product, order, and inventory management.

E-Commerce Website – Floridda Software Store (2025)

- Engineered a scalable e-commerce platform for smartphones & gadgets using **Next.js** and **Supabase**.
- Added search, filters, user accounts, product reviews, and secure payment processing.
- Deployed on **Vercel** for high performance and fast global response.

Crypto Investment Website (2025)

- Designed a platform for displaying crypto plans, user wallets, and deposit/withdrawal actions.
- Implemented **Supabase authentication**, transaction tracking & admin controls.
- Integrated API for real-time cryptocurrency price updates.

WORK EXPERIENCE

SAMTECH MULTISERVICE LIMITED – CEO & LEAD INSTRUCTOR

FCT, ABUJA | AUGUST 2025 – PRESENT

- Founded and currently lead a tech-training startup specializing in web designing and development, data science and data analysis, and machine learning.
- Designed and deliver hands-on training programs, coaching 10+ students in practical, job-ready tech skills.
- Developed curricula, projects, and assessments to ensure learning outcomes aligned with industry standards.
- Oversaw business operations including marketing, student onboarding, and community support.

EARLYCODE COMPUTER INSTITUTE – Data Scientist/Instructor

FCT, ABUJA | JULY 2023 – JULY 2025

- Design and development of interactive reports and dashboards to deliver actionable insights for the clients.
- Conducted exploratory data analysis (EDA) and created predictive models to guide decision-making.
- Taught Python programming, machine learning, and data analytics techniques to students, emphasizing hands-on projects.

DAW ENERGY NIG LIMITED –Electrical Engineer

FCT, ABUJA JULY 2022 – JUNE 2023

- Performed full-scale electrical wiring, ensuring functionality and safety compliance.

- Installed and tested electrical systems to verify their reliability and compliance with industry regulations.
- Ensured strict safety compliance during wiring and electrical installations.

SUNNET SYSTEMS – Telecom Engineer

FCT, ABUJA JULY 2021 – JUNE 2022

- Monitored and maintained reliable client networks, ensuring maximum possible performance with minimal downtime.
- Diagnosed and resolved LAN issues by repairing or replacing damaged components.

EDUCATION

BACHELOR OF ENGINEERING – Ambrose Ali University – Ekpoma Edo State

AUGUST, 2020

Majors: Electrical and Electronic Engineering

GitHub (Data Science): <https://github.com/youngdrizzy1>

GitHub (Web): <https://github.com/Drizzy0>

Portfolio: <https://itoya-eromosele.vercel.app/>