

# MICHAEL AKINWUNMI

Data Scientist & ML Engineer

+234 705 498 8472 | [michaelakinwunmi76@gmail.com](mailto:michaelakinwunmi76@gmail.com) | [devpepperspray.github.io](https://devpepperspray.github.io) | [LinkedIn](#) | [GitHub](#)

---

## PROFILE SUMMARY

IBM Certified Data Scientist with over four years of hands-on experience building data pipelines, predictive models, and interactive dashboards. I've helped teams cut reporting time significantly, lift marketing ROI, and identify major cost saving opportunities through machine learning. Comfortable working end-to-end: from raw data extraction to delivering clear, actionable insights for stakeholders.

---

## EXPERIENCE

### Technical Support Officer (Bluehost), Data Driven Web Solutions 2023 to Present

Bluehost / Remote

- Help customers optimise server configurations, implement analytics tracking, and troubleshoot performance issues, bridging hosting infrastructure and data insights.
- Built [welcome2america.org](https://welcome2america.org) with integrated Google Analytics 4, event tracking, and a real-time dashboard to monitor visitor trends.
- Full management of [ipadawale.org](https://ipadawale.org) with a custom data layer, conversion tracking, scroll depth, and referral analysis; optimised load times and set up weekly Looker Studio reports.
- Both websites feature privacy-conscious tracking, A/B test readiness, and performance monitoring (LCP, CLS).

### Data Analyst Intern, Data Science Nigeria (DSN) Aug 2023 to Oct 2023

Lagos

- Automated data collection and reporting workflows with Python, reducing manual effort significantly.
- Developed a stock price forecasting model using time series analysis with strong accuracy.
- Built a web scraping pipeline consolidating data from multiple external sources.
- Designed Power BI dashboards to track A/B test performance, contributing to a measurable lift in marketing ROI.

### Front-End Developer and Analyst, EduCare Apr 2021 to Jan 2022

Lagos

- Translated business requirements into SQL queries to analyze user engagement.
- Built reusable HTML/CSS components, cutting handoff time considerably.
- Created predictive models to forecast user activity trends.

---

## SKILLS / AWARDS

**Core Skills:** Python (pandas, scikit-learn) | SQL & BigQuery | R & SPSS | Machine Learning | Power BI & Tableau | Predictive Modeling | A/B Testing | Web Scraping | ETL & Data Wrangling | Statistical Analysis | Customer Segmentation | Time Series Forecasting | GA4 / GTM | Looker Studio

**Technical Toolkit:** Python (pandas, sklearn, bs4) | SQL (PostgreSQL, BigQuery) | R & RStudio | Power BI & Tableau | SPSS & Jupyter | Git & GitHub | HTML/CSS & Figma | GA4 / GTM / Looker Studio

**Awards:** IBM Data Analyst Professional Certificate (2022), recognised for outstanding project completion across 9-course series

---

## PROJECTS

### Patient No-Show Prediction | Python, Scikit-learn, Power BI 2024

- Analyzed medical appointment records using ML models achieving solid accuracy. Longer wait times correlated with higher no-show rates; insights pointed to significant potential savings.

### Healthcare Financial Dashboard | Power BI, DAX, Azure 2024

- Interactive Power BI dashboard analyzing billing data. Highlighted top revenue drivers (X-Ray, CT Scan) and out-of-pocket payment trends.

**Customer Segmentation and Clustering | Python, Scikit-learn, Tableau** 2023

- K-Means and Hierarchical clustering on customer data surfaced high-value segments. Delivered targeting recommendations that improved retention.

**Housing Market Analysis with SPSS | SPSS, Regression Analysis** 2023

- Quantified how Nigeria's monetary policy (CRR, MPR) affects residential property prices in Ibadan. Segmented regression: CRR influences smaller units, MPR drives larger units.

**CERTIFICATIONS**

---

IBM Data Analyst Professional Certificate (2022), 9-course series

Finance Data Analysis and Analytics, IMTF (2025)

CompTIA A+ | HubSpot SEO and Email Marketing

Cisco: Intro to Cybersecurity and Cyber Security Fundamentals

Web Scraping in Python, DataCamp

Intermediate Python, DataCamp

Building Your Own Database Agent, DeepLearning.AI

Intermediate SQL, DataCamp

**EDUCATION**

---

**B.Sc. Estate Management** Expected 2026

University of Ibadan Ibadan, Nigeria

**Data Science Program** 2025

Learnify Academy Online

**Data Analytics, IBM Professional Certificate** 2022

IBM Online