

Adewoye Saheed Damilola

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SUMMARY

Data scientist with expertise in data wrangling, visualization, and predictive modeling to drive business decisions. Experienced in working with complex datasets, delivering actionable insights, and collaborating with cross-functional teams. I'm passionate about AI-driven data solutions for sustainable impact.

SKILLS

Data Analysis & Cleaning: Python (Numpy, Pandas), SQL (MySQL, PostgreSQL), Excel, Google Sheets,

Data Visualization: PowerBI, Matplotlib, Seaborn

Machine Learning: Regression, Classification, model deployment (Docker)

Soft Skills: Stakeholder Communication, Team Collaboration, Attention to detail, Report Writing

PROJECTS

College Student Depression App

- Built an ML model to flag high-risk depression in college students using psychological & behavioral data with a model accuracy of 85%
- Cleaned, preprocessed, and trained models using Python (Pandas, Sci-kit Learn), reducing model training time by 30%
- Containerized the predictive service with Docker and delivered a responsive web interface, increasing stakeholder engagement and facilitating 24/7 accessibility for campus mental health teams.

Olist Sales Funnel Dashboard Web App

- Built a Python app using Streamlit to show where customers drop off in the sales process, which is useful for operations teams to fix bottlenecks.
- Analyzed funnel metrics like conversion rates and landing page performance to guide the sales team's strategy.
- Pulled live sales data directly from Kaggle using APIs, ensuring the dashboard always reflected real-time trends.

Effect of 15 Percent Discount Analysis on Rota E-commerce

- Assessed a 15% discount on product sales velocities and found which products sold faster.
- Automated monthly sales reports using Excel, MySQL, and PowerBI, saving stakeholders 8+ hours of manual work each month.
- Recommended repricing for 5+ slow-moving products,

Lagos State Rooftop Solar Potential Dashboard

- Cleaned up 1.5 million rows of energy data in Python and built a PowerBI dashboard to show where solar panels would work best in Lagos state.
- Automated data-cleaning tasks, slashing prep time by 40% and reducing errors by 15%.
- The dashboard can help the government spot neighborhoods with high solar potential, speeding up their green energy plans.

WORK EXPERIENCE

Lead Academic Instructor | Insights Data Academy

January 2025 – Present

- Mentored 20+ students in data analysis, integrating AI and data skills.
- Guided students in both foundational data concepts and specialized tools for industry-ready skills.

Data Science Intern | Alx – Africa

May 2024 – May 2025

- Migrated data workflows from Excel to MySQL, enhancing query performance and data integrity.
- Built Power BI dashboards to visualize real-time product KPIs and inform strategic decisions.
- Developed Python ML models to forecast customer churn, enabling targeted retention campaigns.

Data Analyst | HNG – Nigeria

July 2024 – September 2024

- Utilized MySQL for efficient database management and reporting
- Conducted SEO market analysis to optimize digital marketing strategies.

EDUCATION

Ahmadu Bello University, Nigeria — B.Eng. Mechanical Engineering

December 2018 – September 2025

Kwara State Polytechnics, Nigeria — Diploma, Mechanical Engineering

September 2016 – October 2018

AWARDS AND CERTIFICATIONS

Data Analyst, DataCamp
(Huawei)

Data Analyst Finalist, HNG
Top 50% AI Invasion Hackathon, DSN

HCIA-Cloud Computing (Huawei) HCIP-Cloud Storage