

# Adewoye Saheed Damilola

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## SUMMARY

Data Analyst with expertise in data wrangling, visualization, and predictive modeling to drive business decisions. Experienced in working with large, complex datasets, delivering actionable insights, and collaborating with cross-functional teams. 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, Report Writing

## PROJECTS

### Lagos State Rooftop Solar Potential Dashboard

- Processed 1.5M+ rows of energy data to assess Lagos's solar potential.
- Cleaned and structured datasets in Python, ensuring accuracy and consistency.
- Built a Power BI dashboard for stakeholders, aiding decision-making in renewable energy.

### College Student Depression App

- Developed an ML model to predict student depression risk using psychological & behavioral data.
- Cleaned, preprocessed, and trained models using Python (Pandas, Sci-kit Learn).
- Deployed the model via Docker, with a user-friendly web interface for accessibility.

### Dimension Modelling and Analysis: Latino Car Garage

- Designed a dimension model using MySQL and Jupyter Notebook leading to more accurate insights
- Built a star schema based on garage invoice receipts for efficient data querying
- Created fact and dimension tables to support operational strategies

## WORK EXPERIENCE

**Data Analyst** **July 2024 - August 2024**

**HNG**– Nigeria

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

**Data Science Intern**

**May 2023 - Present**

**Alx**– Africa

- Analyzed and visualized datasets with Python, Google Sheets, and Power BI.
- Developed predictive models for decision-making in business applications.

**Data Science Intern**

**Dec 2023 - May 2024**

**Arewa Data Science**– Nigeria

- Built predictive models to drive data-driven decisions
- Implemented Python scripts for data visualization.

**Cloud Academic Instructor**

**ABU Huawei ICT Academy** – Nigeria

**February 2023 - Present**

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

## EDUCATION

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

**Kwara State Polytechnics Nigeria** — Diploma, Mechanical Engineering

## AWARDS AND CERTIFICATIONS

- Data Analyst Finalist, HNG
- Top 50% AI Invasion Hackathon, DSN
- HCIP-Cloud Storage, Huawei