MICHAEL TUNWASHE
Data Scientist

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Professional Summary

Data scientist with 2 years of python experience specializing in Business analysis and machine learning modeling in the area of Finance. Experienced in data analysis, predictive modeling, and creating actionable insights. Full-stack development capabilities enable end-to-end solutions from analysis to deployment.

Technical Skills

Data Science & Analytics: Python (pandas, NumPy, scikit-learn), SQL (PostgreSQL, MySQL), Statistical Analysis, Predictive Modeling, Data Visualization (Plotly, Metabase)

Supporting Skills: Next.js, TypeScript, Node.js, REST APIs, Git

Key Projects

SalesScope Dashboard   Jun 2025 -- Aug 2025
Sales Analytics

- Analyzed 6+ months of sales data to identify trends and performance bottlenecks using Python
- Created interactive dashboard with React and TypeScript for stakeholder reporting
- Delivered actionable insights that improved sales strategy

Financial News Classifier   Oct 2025 -- Nov 2025
AI-Powered Sentiment Analysis

- Built AI-powered sentiment analysis tool using FinBERT model trained on financial text data
- Achieved ~80% accuracy in classifying financial news as Bullish, Bearish, or Neutral
- Developed web interface with real-time analysis capabilities and RSS feed support
- Implemented batch processing for enterprise workflows with detailed confidence metrics
- Deployed on Hugging Face Spaces for easy access and integration

MiniDataManim   Aug 2025 - Oct 2025
Excel-like Data Manipulation and Visualization Application

- Developed web-based tool for data manipulation with Excel-like functionality, supporting import/export of CSV, Excel, and LibreOffice files
- Implemented advanced data operations including sorting, filtering, duplicate removal, statistical transformations, and data normalization
- Created interactive visualizations using Plotly.js with support for bar charts, line charts, scatter plots, histograms, and box plots
- Built responsive user interface with React and TypeScript, featuring multi-sheet workbooks, inline editing, and customizable preferences

FocusForge Analytics   Aug 2025 - Present
Behavioral Data Analysis

- Currently designing statistical models to track user habit formation patterns
- Currently building data pipeline for real-time user engagement tracking (MongoDB backend)
- Currently creating visualizations using Plotly and Tableau to present behavioral insights
- Currently developing React dashboard to display analytics (front-end support)

Professional Experience

Data Analyst Intern   Aug 2025 - Nov 2025
HNG Tech

- Performed data cleaning, transformation, and exploratory analysis on business datasets
- Created SQL queries for reporting and automated data extraction
- Built business intelligence reports using Metabase and Plotly dash

Education

BSc Mathematics   2024 -- 2028
University of Lagos

- Coursework: Statistics, Probability, Linear Algebra, Calculus