NDUBUISI BETHIA NKWACHUKWU

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📍 Lagos, Nigeria

PROFILE

Results-driven Data Analyst and Data Scientist with expertise in Python, SQL, Power BI, and Tableau. Proven ability to extract actionable insights from data, develop visually impactful dashboards, and implement analytical models to solve real-world problems. Adept at data cleaning, exploration, and visualization to deliver insights that drive strategic decision-making. Passionate about using data to innovate and optimize processes.

SKILLS

- **Programming Languages**: Python (Pandas, NumPy, SciPy, Matplotlib)
- **Database Management**: SQL (SQL Server, MySQL)
- **Data Visualization**: Tableau, Microsoft Power BI, Looker Studio
- **Data Cleaning & Analysis**: Microsoft Excel (VLOOKUP, Pivot Tables, Conditional Formatting)
- **Other Tools**: Web scraping (BeautifulSoup)

PROJECTS

Hazard Incident Analysis *(Personal Project) January 2025*

- Analyzed a datasets that contained records of Hazard Incidents in the construction sector from (2015 -2017) using Python.
- Used machine learning models for prediction (Random Forest, Logistic Regression).which was used to evaluate the accuracy of your model (e.g., precision, recall, F1-score).
- Delivered actionable insights, recommending solutions to optimize construction safety and the lives of workers.
  [GitHub Link](#)

Polling Unit Outlier Detection *(HNG Internship, Nigeria)*
April 2024

- Analyzed polling unit outliers in Zamfara State, Nigeria, using Python.

- Applied geospatial techniques to determine longitude, latitude, and locations across the state.
- Aggregated and visualized data using pandas and matplotlib, compiling a professional report.
  [GitHub Link](#)

CredPal Fintech Dashboard *(Tech4Dev Project, Nigeria)*
November 2023

- Designed a Power BI dashboard to visualize consumer saving patterns across multiple countries.
- Processed and transformed data using Excel and DAX for validation and completeness.
- Delivered actionable insights, recommending advanced technologies to optimize client data usage.
  [GitHub Link](#)

Kultra Mega Stores Dashboard *(Tech4Dev Project, Nigeria)*
November 2023

- Cleaned datasets in Microsoft Excel, utilizing pivot tables, VLOOKUP, and INDEX-MATCH functions.
- Performed data analysis on store performance across regions and product categories (2009–2011).
- Provided insights to enhance profitability and optimize investment strategies.
  [GitHub Link](#)

WORK EXPERIENCE

Data Analyst *(HNG Internship, Nigeria)*
April 2024 – July 2024

- Conducted outlier analysis for polling units in Zamfara State using Python.
- Applied geospatial analysis to pinpoint locations and mapped results effectively.
- Delivered comprehensive reports, visualizing findings with pandas and matplotlib.

EDUCATION

Bachelor of Technology in Project Management Technology
Federal University of Technology, Owerri – Imo State, Nigeria
Graduated January 2022