

OLAWOYIN OLUFUNMILAYO ESTHER

Data Analyst

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SUMMARY

Data analyst with a Physics background and hands on experience in Excel, R, SQL, and Python, gained through applied projects in sales analytics, public health, and academic performance data. Skilled at cleaning and exploring data, building dashboards, and translating findings into clear, actionable insights for non technical audiences. Comfortable working independently, learning new tools quickly, and communicating across technical and business stakeholders.

SKILLS

- Data Analysis: Excel (Power Query, Power Pivot, advanced formulas), Power BI, exploratory data analysis, correlation and regression analysis
- Programming and Querying: SQL, R Programming, Python (basic)
- Data Visualization: dashboards, charts, and KPI reporting for business and policy audiences
- Data Quality: cleaning, validation, and identifying issues such as data leakage in statistical models
- Communication: requirements gathering, stakeholder collaboration, reporting findings to non technical audiences

PROJECTS

Automated Retail Sales and Profit Tracker, Excel

- Built a formula driven dashboard that automatically calculates total cost, revenue, and net profit as new sales data is entered
- Reduced manual arithmetic work and gave business owners an at a glance view of their most profitable items

Supermarket Sales Optimization, Excel

- Built a four panel interactive dashboard analyzing sales by day, category, payment method, and customer age group
- Identified that weekend sales consistently outperform mid week sales, and proposed a three part strategy covering targeted marketing, loyalty rewards, and digital payment incentives

Predictive Modeling, Student Performance Dataset (5,000 records)

- Built a Multiple Linear Regression model in R and identified a perfect fit result as a sign of data leakage rather than a genuine finding
- Investigated the cause, confirmed the target variable was a derived field, and rebuilt the analysis using independent predictors

Public Health Data Analysis, IDSS2 Dataset

- Analyzed 500 health records to identify the highest risk demographic and geographic differences in recovery rates across states
- Translated findings into six actionable policy recommendations for resource allocation and targeted intervention

EXPERIENCE

Corps Liaison Officer, National Youth Service Corps (NYSC) 2024 to 2025

- Coordinated communication between officials and corps members and introduced a lodge dues system that most members chose to follow

Physics and Mathematics Teacher, God's Will Academy 2023 to 2024

- Tracked and analyzed student performance data across assessment cycles in Excel to help guide instructional decisions

EDUCATION

Data Analytics Program, NIIT Foresoft, Lagos, Nigeria July 2025 to Present

Coursework: Python, R Programming, SQL, Power BI, Statistical Analysis, Data Visualization

B.Sc. Physics, Niger Delta University, Bayelsa State, Nigeria 2018 to 2023