

# AYENI OLABISI EMMANUEL

Data Analysis specialist

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## Professional Summary

Results-driven Data Analyst with over 4 years of experience converting complex business challenges into data-powered solutions. Expertise in statistical analysis, predictive modeling, and creating interactive dashboards that drive strategic decision-making across operations, marketing, and finance. Proven success in developing automated reporting systems and delivering actionable insights through R, Python, SQL, Tableau, and Power BI. Skilled communicator who bridges the gap between technical analysis and business objectives to improve organizational performance.

## Technical Skills

- Statistical Analysis: R, SAS, Python, Microsoft Excel, Statistical Methods and Data Modeling.
- Data Visualization: Tableau, Power BI, ggplot, Plotly, Highcharter.
- Data Management: Data cleaning, preprocessing, and extraction; survey design and implementation.
- Epidemiological Research: Design and analysis of epidemiological studies.
- Public Health Analytics: Program evaluation, forecasting, and policy recommendations.
- Programming Languages: Python, SQL and R.
- Soft Skills: Cross-functional team collaboration, communication, presentation, leadership.

## Work Experience

### *Freelance Researcher | Upwork, Fiver.*

*December 2018 – Present*

- Assisted over 100 clients globally with survey design, data collection, and analysis, providing insights that align with organizational goals
- Guided clients in creating reliable data collection instruments and implementing effective research methodologies
- Delivered comprehensive reports and statistical analyses, offering actionable recommendations based on data trends to cross-industry Clients.

### *Data Analyst | C&C Analytics, Akure, Nigeria*

*August 2021 – June 2022*

- Conducted comprehensive statistical and epidemiological data analyses to identify key trends and patterns in public health.
- Collaborated with interdisciplinary teams to design and evaluate public health programs, contributing to evidence-based decision-making.
- Utilized advanced statistical tools (SAS, Python, R) to process large datasets and produce actionable insights.
- Spearheaded the development and implementation of innovative data visualization tools in Tableau and Power BI, facilitating clear communication of complex data to stakeholders.
- Assisted in grant proposals by leveraging data-driven evidence to secure funding for health initiatives.

## ***Data Analyst | FUTA LISA, Akure, Nigeria***

*November 2021 – December 2023*

- Led the analysis of demographic data to support disease prevention programs, contributing to resource allocation strategies
- Developed and implemented statistical models to forecast public health emergencies, such as disease outbreaks.
- Conducted extensive literature reviews and synthesized findings to inform data-driven policy decisions.
- Streamlined data collection processes in collaboration with healthcare providers to improve data accuracy and integrity.

## ***Data Analyst | National Youth Service Corps, Edo State, Nigeria***

*August 2023 – July 2024*

- Served as a dedicated Data Analyst for various public health initiatives.
- Conducted qualitative and quantitative analyses to support strategic planning and decision-making.
- Worked closely with local health authorities to assess community needs and developed targeted interventions for disease prevention and health education.

## **PROJECTS & RESEARCH**

- Application of Autoregressive Distributed Lag (ARDL) to model the impact of Western sanctions on Russia and its effect on Nigeria's economy (March 2023).
- Survival Analysis on Malaria Patient Mortality (Co-Author, February 2023).
- Effect of Trade Openness on Economic Growth: A study of 16 West African countries (October 2022).
- Time Series Analysis of crimes in Akure Police Division.
- AI and Response Surface Methodology: Modeling aerial biomass and its physicochemical properties.

## **Education**

### ***BTech in Statistics***

Federal University of Technology, Akure

*2016 – 2023*

## **HONORS & AWARDS**

- Dean's List, 2020/2021 Academic Session.
- First-Class Honors in the Department of Statistics, FUTA (2017).
- Award of Excellence for dedication and active participation in NYSC (2024).

## **PROFESSIONAL MEMBERSHIPS**

- American Statistical Association (ASA), Active Member since 2021

## **References**

Available upon request.