

OLUWAFUNMIBI OMOTAYO FASANYA

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EDUCATION

University of Nebraska, Lincoln, Nebraska

Masters of Science, Statistics

Threads: Example and Example

Enrolled: August 2023 — Expected: May 2025

Overall GPA: 4.00/4.00

Credit standing: Honors

Federal University of Technology Akure, Ondo, Nigeria

Bachelor of Technology, Statistics

Threads: Example and Example

Enrolled: January 2015 — Expected: December 2019

Overall GPA: 4.51/5.00

Credit standing: First Class Honors

SKILLS

- **Programming:** R(ggplot2, dplyr, tidyr, RMarkdown, Quarto)***, SAS(Studio)***, MYSQL*
- **Software:** R, SAS, Gretl, SPSS, EViews, Stata, and Microsoft Excel.

EXPERIENCE

University of Nebraska

Graduate Teaching Assistant

Lincoln, Nebraska

August 2023 - Ongoing

- Teaching Undergraduate students from various disciplines introductory statistics.
- Assisting my mentor in grading homework, tests, and exams.
- Providing assistance to students in aspects related to statistics and statistical analysis.

Fiverr

Freelance Research/Data Analyst

Remote

December 2019 - July 2023

- I provide extensive support for survey design, questionnaire validation, data collection, and analytical model design.
- My expertise encompasses the creation of robust data collection systems, ensuring data quality and reliability, as well as statistical analysis and interpretation. I have collaborated with over 200 clients worldwide.

Fredacom Technologies

Research/Data Analyst

Remote

August 2021 - July 2023

- Collaborated with multidisciplinary teams to develop research methodologies and survey data collection strategies in Africa.
- Provided technical expertise by overseeing research activities, coordinating data analysts for efficient model generation, and delivering data integrity training to collectors and end-users

Longbridge Technologies

Research Intern

Remote

June 2018 - December 2018

- Assisted in developing predictive models used to increase and optimize customer experiences, revenue generation, ad targeting, and other business outcomes on the company's e-commerce website.
- Worked with software such as R and Java to create the model and also to design a user interface.

Assessment of the readiness of restorations manufactured by CAD/CAM in terms of marginal fit: Do We Need a Master Cast?

Olomouc, Czech Republic

Data Analyst, Volunteer

March 2022 – December 2022

- Created a model for a randomized clinical trial comparing two different types of manufacturing of zirconia crowns with other researchers at the Institute of Dentistry and Oral Sciences, Palacky University Olomouc, the Czech Republic.

PROJECTS/RESEARCH

Predicting Covid-19 Vaccination Intention in South West, Nigeria using The Protection Motivation Theory: A Structural Equation Modelling (SEMS) Approach

2022

Project Link:

Month Year

- This study used structural equation modeling to identify major factors influencing COVID-19 vaccination intention and behavior among old and young in South West Nigeria. Characteristics such as perceived self-efficacy, perceived severity of COVID-19, response efficacy, susceptibility to the vaccine, and response cost, according to the findings, greatly influenced vaccination intention and behavior.

A Multivariate Analysis Approach to Modelling the Relation between the Spread of COVID-19 in Africa.

Project Link:

2022

- This study classified COVID-19 spread rates in 13 related African nations using correlation and principal component analysis. Hierarchical regression was also used to calculate the contribution of new cases to the proportion of deaths that might be explained.

ROC Method for Identifying the Optimal Threshold With an Application to Email Classification

2019

Project Link: <https://onlinelibrary.wiley.com/doi/10.1002/9781119792642.ch16>

Published in February 2022

- This research investigates the impact of email spam filtering algorithms, emphasizing the superiority of the Receiver Operating Curve - Area under the Curve (ROC-AUC) over accuracy metrics for evaluating performance, using extensive experiments conducted on spam email datasets.