

## MUHAMMED TAHIR MUHAMMED

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The Federal Polytechnic Idah, Kogi State

### EDUCATION

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- 1. The Federal University of Technology, Akure, Ondo State 2024 – Till Date**  
**Ph.D. Statistics (In View)**  
**Proposed Thesis:** Spatial Modeling of Vaccine-Preventable Diseases (VPDs) in Nigeria.  
(Supervisor: Associate Professor Ezra Gayawan)
- 2. University of Abuja, Nigeria March 2023**  
**M.Sc. Statistics (CGPA: 4.46/5.00)**  
**Master's Thesis:** Modelling Cases of Measles in Nigeria: Count Time Series Approach. (Supervisor: Dr. H.U. Yahaya)
- 3. Kogi State University, Anyigba, Kogi State, Nigeria November 2014**  
**B.Sc. Mathematical Sciences (Statistics) (CGPA: 3.61/5.00)**  
**Undergraduate Project:** The Efficiency Level in Estimating the Total Population of Nigeria, using Two-stage Sampling Technique with varying Sample Size at the First Stage. (A case study of the 2006 Census of Nigerians) (Supervisor: Dr. Akingbade, T.J.)
- 4. The Federal Polytechnic Idah, Kogi State, Nigeria February 2010**  
**National Diploma in Statistics (CGPA: 3.35/4.00)**  
**Project:** Statistical Analysis of the Epidemiology of Malaria Fever in Nigeria. (A case Study of Idah General Hospital, Kogi State)  
(Supervisor: Mr. P.O. Adeilaye)
- 5. Saint Peter's College Idah, Kogi State August 2008**  
*Senior Secondary School Certificate (SSCE)/ WAEC (Science Class)*

### PROFESSIONAL EXPERIENCE

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- 1. Federal Polytechnic Idah, Kogi State, Nigeria 2020 till date**  
Lecturer III (Statistics Department)
- 2. Nigerian Turkish International Colleges, Abuja, Nigeria 2015 – 2020**  
Vice Principal Academics | Mathematics Teacher | WAEC/NECO/SAT/JAMB Coordinator, Instructor | Olympiad Coordinator | M&E Officer | School Counselor | Data Analyst.

### ACADEMIC/SCHOLARLY PUBLICATIONS

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- Akingbade, T.J., Balogun, O.S., and **Muhammed, T.M.** (2014) The Efficiency Level in the Estimation of the Nigerian Population: A Comparison of one-stage, and two-stage Sampling Technique (A case study of the 2006 census of Nigerians). American Journal of Engineering Research (AJER). Vol. 3, Issue 9, Pg 110-118.
- Saheed, B.A., Kola, Y. K., Adewale, O. G., Muideen, O. A., Saheed, O. J., **Muhammed, T.M.** Ekundayo, S.O., Olakiitan, I. A., Magdaline, P., & Oluwole, J. O. (2021). Vector Autoregressive Modeling of Crop Production Index–Permanent Cropland Relationship In Nigeria. Annals: Computer

## **CONFERENCE PAPER**

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1. Ibidoja, O.J., Akanni, S.B. & **Muhammed, T.M.** (2020). Forecasting Rice Production in Nigeria Using Autoregressive Integrated Models. A Presentation at Bernoulli –Institute of Mathematical Statistics (IMS) One World Symposium 2020 held from August 24-28.

## **PROFESSIONAL CERTIFICATES OBTAINED**

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Applied Data Science Lab (Using Python), Immunization Essential, Reproducible Econometrics using R, Research Proposal Writing, Grant Accessibility and Management, DHIS2 Fundamental, Monitoring and Evaluation (M&E), Demography and Health Survey (DHS): Survey Sampling Training, QGIS, SPSS, R, STATA.

## **REFERENCES**

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| 1. Prof. Olanrewaju Samuel,<br>Statistics Department,<br>University of Abuja, Nigeria.<br>+234 803 969 4655<br><a href="mailto:Olanrewaju.samuel@uniabuja.edu.ng">Olanrewaju.samuel@uniabuja.edu.ng</a> | 2. Dr. (Chief) Idris Haruna,<br>Dean,<br>School of Technology,<br>Federal Polytechnic, Idah, Kogi State.<br>+234 813 921 5150<br><a href="mailto:iharuna@fepoda.edu.ng">iharuna@fepoda.edu.ng</a> |
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