



The short entry note is stated below:

The IASC African Members Group wishes to announce its 2<sup>nd</sup>

- Physical Symposium on Applied Statistics with R syntax in Nigeria ...

**Date/Time:**

07/04/2021 – 08/04/2021

(From 10:00 – 17:00) each day

**Event:**

The 2<sup>nd</sup> Physical Symposium of the IASC-African Members Group on Applied Statistics with R Syntax in Nigeria



The main advertisement is written below

## Announcement

One of the objectives of the worldwide existence of International Association for Statistical Computing (IASC) is to exchange technical knowledge through national and international contacts and meetings between statisticians, computing professionals, organizations, institutions, governments, and the general public. With this in mind, the African Members Group of IASC wishes to explore this priceless opportunity to embark on a two-day physical symposium on *Applied Statistics with R Syntax*.



IASC African Members Group announces her second  
**FREE** Physical Symposium on Applied Statistics using R  
syntax in Nigeria holding at Nasarawa State University,  
Keffi, Nigeria

Interested members of the public can register via the link

<https://forms.gle/Vsod5cqAhCIVbWsm7>



- This 2-day fully practical training aims at providing an overview of application of R programming language in Applied Statistics to cover a broad selection of key challenges in and methodologies for working with real-life dataset. Topics to be covered are extensively detailed. Real life applications with industrial illustrations would be given to enhance participants' understanding. Participants will surely acquire a working knowledge of R syntax through hands-on projects and case studies.



## Modules

With the aid of R programming software package, the training is expected to cover the following areas of Applied Statistics:

### Day I:

Summarizing dataset, Calculating relative frequencies, Tabulating factors and creating contingency tables, Testing categorical variables for independence, Calculating quantiles (and quartiles) of a dataset, Inverting a quantile, Converting data to z-scores, Testing the mean of a sample ( $t$ -test), Forming a confidence interval for a mean, Forming a confidence interval for a median, Testing a sample proportion, Forming a confidence interval for a proportion, Testing for normality, Testing for runs,



## Day II:

Comparing the means of two samples, Comparing the locations of two samples non-parametrically, Testing a correlation for significance, Testing groups for equal proportions, Performing pairwise comparisons between group means, Data graphics and visualization (infographics) such as bar chart, pie chart, cumulative frequency curve (ogive), cumulative relative frequency graph, dot chart, box plot, histogram, time plot, scatter plot, plots of probability densities/distributions, normal Q-Q plot, residual plot, etcetera.

## **Facilitator's Brief Profile:**

Monday O. ADENOMON (PhD) is a Senior Lecturer, Department of Statistics, Nasarawa State University, Keffi with interest in Econometrics time series and interdisciplinary statistical Analysis.



He's the Chair, IASC African Members Group. He's a fellow of the Royal Statistical Society (RSS, UK) and a fellow of the African Scientific Institute (ASI), Chartered Statistician (CStat, RSS-UK), Mentor in the LISA 2020 Networks, Coordinator, NSUK-LISA Stat Lab; Mentor, RSS-UK; Team Member, Ambitious Africa Nigeria and Founder, FOUND-LEAS-IN-NIGERIA. Member, Nigerian Statistical Association; Member ISI and IASC; Member Nigerian Mathematical Society. Highly skillful in the use of R language for statistical computing.

## **Facilitator's Brief Profile:**

Timothy A. OGUNLEYE, a statistician by training, is a product of the prestigious University of Ilorin, Nigeria, specializing in Quantitative Modelling, Econometrics and Morphometrics with much interest in Biostatistics, Designs of Experiment, and Applied Statistics.



**Tim**, as is proudly called, is the Executive Director of Tim-R Programming Consult, Nigeria. He's also the Secretary-General, IASC African Members Group. He's been trained by the Department of Computing of Macquarie University, Sydney, Australia, where he's certified to be R and Python Programmer in the field of Data Science. Undoubtedly, He's at least 15 years of series of rich experiences that cut across both industries and academia. He has published quite a number of academic papers both locally and internationally. An M&E expert and a tutor per excellence!