

Stephen Taiye Balogun

Team Lead, Epidemiology and Surveillance, Caritas Nigeria



I am a Public Health Physician, Project Manager, Data Scientist and Quality Improvement Expert with over 10 years of experience working with International non-governmental organizations. I have excellent understanding and proficiency of platforms for effective data analyses, including Excel, SQL, R, Python, PowerBI and Tableau. I am the lead founder of the R4Healthcare Data science group and a co-organizer of the Abuja R user group.

Experience

May 2021

Epidemiology and Surveillance Advisor

Catholic Caritas Foundation of Nigeria, Nigeria

to date

- Use of HIV Epidemiology and Surveillance data for incidence finding, measure mortality and achieve epidemic control
- Support development of dashboards for real-time monitoring and program improvement
- Conduct routine analysis across different sub-populations age-group and sub-national units to guide program implementation
- Conduct evaluation research on program process and outcome measures

R

PowerBI

SQL

Shiny

March 2020

Senior Program Officer, Prevention Care and Treatment

Institute of Human Virology Nigeria, Nigeria

to May 2021

- Coordinate treatment services for nearly 200,000 clients in the country program.
- Track, analyse and come up with strategies to ensure program targets are met using a quality improvement approach.
- Along with team members, conceive, design, and deploy online interactive dashboards using R Shiny to support program implementation, especially at the peak of the COVID-19 pandemic.
- Coordinate the secretariat for the NIH U54 "Harnessing Data Science for Health Discovery and Innovation in Africa (DS-I Africa)" proposal writing

R

Shiny

Oct 2018

Senior Clinical Coordinator, AIDS Healthcare Foundation, Kogi

to 2020

- Responsible for training and capacity building of all treatment focal persons on best practices including the development of SOPs and guidelines.
- Utilize program data to inform community HIV testing, linkage, and treatment activities.

R

SPSS

Oct 2017

State Technical Lead/Head of Office, Catholic Relief Services, Kogi

to Oct 2018

- Identifies both program quality and management quality capacity building need and organizes relevant support via follow up with programs and operations leadership within the country program, HQ and region.
- Work with team members to come up with strategies and plans that ensures project deliverables are achieved and performance indicators met across all the supported facilities in the state by using available resources
- Ensure achievement of program targets across all thematic areas – treatment, HTS, PMTCT and TB-HIV

R

SPSS

Personal Info

in <https://www.linkedin.com/in/stbalogun/>

<https://stephenbalogun.github.io/stbalogun>

<https://github.com/stephenbalogun>

@eppydoc

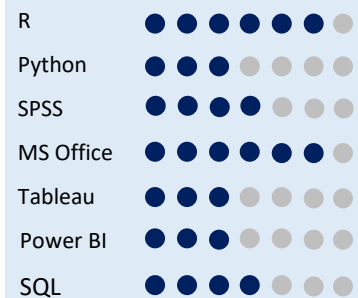
+234 813 4950827

stbalo2002@gmail.com

Abuja, Nigeria

Competencies

Statistics software and Languages:



Databases: MySQL, PostgreSQL

Development editors: RStudio, VS Code

Data visualization/Reporting: RMarkdown, R Shiny, Tableau Dashboards

Projects:

- Author, [tidydr R package](#)
- Personal [web](#) and [blog](#) sites
- Lead designer and maintainer, [R4HDS](#) website
- Lead developer, AchieveR shiny interactive dashboard
- Co-organizer, [Abuja R useR group](#)

July 2014
to Oct 2017

Medical Officer/Quality Improvement Team Lead

- Develop a data collection tool for maternity services using Epi Info
- Automate analysis of maternity services data with R
- Lead the quality improvement team to implement identified improvement projects
- Provide routine clinical services to patients and their families
- Facilitate and participate in community public health promotion programs
- Co-coordinate the routine hospital continuous medical education for staff

R

SPSS

Epi Info

Education

- | | |
|------|---|
| 2022 | Google Data Analytics Certificate (Coursera) |
| 2021 | Data Science with R track (DataCamp) |
| 2021 | Master of Public Health,
University of Ilorin, Ilorin, Kwara State, Nigeria |
| 2015 | Data Science Specialization Certificate,
John Hopkins University (Coursera) |
| 2012 | Bachelor of Medicine, Bachelor of Surgery (MBBS),
University of Ilorin, Kwara State, Nigeria |



Achievements:

- Member, useR!2022 Conference organizing committee
- Elevator pitch presentation, useR!2021 conference
- Global Diversity Scholar, RStudio, 2021
- Recipient, Lucian Leape Patient Safety Fellowship 2021
- MaRmot and Zoom Host, useR!2021
- Ambassador, ISQua Fellowship, 2020



Languages:

English ●●●●●
Yoruba ●●●●●

+ Strengths:

- Cross-functional skills
- Creative thinking
- Collaboration
- Problem solving
- Life-long learner
- Story telling
- Communication
- Attention to details
- Adaptability