

Steven Nanga

Email: stephennanga97@gmail.com **Cell:** +265884262107 **LinkedIn:**
<https://www.linkedin.com/in/StevenNanga>

PROFESSIONAL PROFILE

Applied Research and Data Analyst with strong experience in mixed-methods research, program-relevant data analysis, and evidence-based reporting for public institutions, academia, and development-oriented organizations. Proven ability to support research design, ethical compliance, data collection oversight, quantitative and qualitative analysis, and translation of findings into actionable recommendations for policy and program decision-making. Experienced working independently and collaboratively across multidisciplinary teams.

CORE COMPETENCIES

- Research Design & Analysis (Quantitative & Qualitative)
- Field Data Collection Oversight & Data Quality Assurance
- Ethical Research Practice & Data Protection Compliance
- Monitoring & Evaluation (M&E) Data Analysis
- Stakeholder Reporting & Evidence-Based Recommendations
- Capacity Building & Research Training

TECHNICAL SKILLS

- **Statistical & Analytical Tools**
STATA, R, Python, SQL, Biostatistics, Predictive Analytics
- **Research Data Collection & Management**
 - KoBoToolbox / ODK – survey review, cleaning, validation, quality checks
 - REDCap – data extraction, cleaning, validation
 - DHIS2 – indicator review, data extraction, data quality checks
- **Qualitative Research**
NVivo – coding, thematic analysis, framework analysis, codebook development
- **Data Visualization & Reporting**
Power BI (DAX), Tableau, KPI & dashboard reporting
- **Data Governance & Ethics**
Data Protection Impact Assessments (DPIAs), ethical data use, data quality manuals, system audits

PROFESSIONAL EXPERIENCE

Credit Data CRB

Database Analyst & Data Protection Officer

June 2023 – Present

(Data Protection Officer role from October 2025)

- Conducted statistical and exploratory data analysis to support organizational decision-making and institutional reporting.
- Designed and implemented a data quality assurance framework, improving data completeness, accuracy, and consistency by approximately 20%.
- Developed KPI-based dashboards to monitor system performance and support evidence-driven management decisions.
- Automated data validation, cleaning, and deduplication processes using SQL, significantly reducing error rates.
- Conducted system audits and recommended corrective actions to strengthen data integrity.
- Prepared analytical reports and summaries for management and technical audiences.

Ethics & Compliance Responsibilities

- Ensured organizational compliance with the Malawi Data Protection Act.
- Conducted Data Protection Impact Assessments (DPIAs) to identify and mitigate privacy risks.
- Reviewed internal policies and procedures to align with ethical and regulatory standards.
- Delivered staff training on data privacy, ethical data handling, and compliance.

RESEARCH & CONSULTING EXPERIENCE

Independent Data Analyst / Consultant

January 2021 – Present

- Supported health, clinical, and social science research projects through study support, data analysis, interpretation, and reporting.
- Conducted secondary analysis of nationally representative datasets, including Demographic and Health Survey (DHS) data, to inform academic research and policy-relevant studies.
- Applied complex survey design methods (weighting, clustering, stratification) to produce valid population-level estimates.
- Conducted qualitative data analysis using NVivo, including coding, thematic synthesis, and integration with quantitative findings.
- Supported research design processes, including review of questionnaires, indicators, and analytical plans.
- Performed statistical analysis for Master's and PhD research projects across health and social sciences.

- Prepared technical analytical outputs for government institutions, including the National Planning Commission.
- Delivered research methods and data analysis training workshops (STATA and R) to over 500 participants.
- Coordinated analytical work with research teams to ensure timely delivery of outputs under strict deadlines.
- Ensured ethical use of research data, compliance with approved protocols, and responsible interpretation of findings.

RESEARCH EXPERIENCE

Health Systems & Population Data Analysis (DHS)

Master's Research – University of Malawi

- Conducting secondary analysis of Malawi Demographic and Health Survey (DHS) data to investigate population-level health outcomes.
- Applying advanced biostatistical methods and complex survey techniques in STATA to produce nationally representative estimates.
- Interpreting findings within the context of Malawi's health system and national policy frameworks.
- Ensuring data quality, reproducibility, and ethical use of secondary health data.

EDUCATION

- Masters of Science in Biostatistics, University of Malawi. 2024 - Present
- Bachelor of Science (Applied Statistics), Catholic University of Malawi, 2021- 2023

CERTIFICATES

- IBM Data Engineering Professional Certificate
- IBM Data Science Professional Certificate
- Google Data Analytics certificate
- Google Advanced Data Analytics certificate

Referees

Daelo Namaumbo

IT Manager, Credit Data CRB

Email: daelo.namaumbo@gmail.com Cell: +265882287244

Dr Tsirizani Kaombe

Masters in Biostatistics Programme Coordinator. University of Malawi.

Email: tkaombe@unima.ac.mw Cell: +265999603074

Farouck Bonomali

Email: fbonomali@mlw.mw Cell: +265999041388