

Nichodemus Amollo

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Senior Data & Analytics Specialist – Accountability, Compliance & Research

Transforming humanitarian data into strategic insight | Expertise in M&E, R, Power BI, SQL, and evidence-based policy influence

Professional Summary

Analytics leader with 8+ years of experience designing and operationalizing data systems for accountability, compliance, and evaluation across global health, humanitarian, and development sectors. Proven track record managing complex datasets across 10+ countries, building scalable dashboards, and influencing multi-million-dollar policy and donor decisions. Expert in Power BI, R, SQL, and mixed-methods analytics with a strong command of risk reporting, stakeholder engagement, and MEL frameworks. Equally fluent in fieldwork realities and executive decision-making.

Professional Experience

Georgetown University – East Africa Regional Data Hub

Lead MEAL & Research Data Analyst | Apr 2025 – Present

Kenya, Tanzania, Rwanda

- Spearheaded regional research data strategy, overseeing digital systems for compliance, sustainability, and health in refugee-hosting and agricultural zones, impacting 50,000+ beneficiaries.
- Designed and maintained Power BI dashboards integrating field data across 4 countries, enhancing real-time decision-making by 65% among partners and national stakeholders.
- Implemented automated QA workflows and data validation scripts (Python, R) across 12 regional projects, increasing data accuracy by 41%.
- Developed SOPs and interactive training modules that upskilled 80+ enumerators and partner staff in MEL and digital accountability protocols.

Kenya Medical Research Institute (KEMRI)

Senior Data Analyst – Surveillance & Rural Health | Apr 2023 – Mar 2025

Kisumu

- Orchestrated rural health surveillance systems across high-burden zones, analyzing infectious disease trends for early warning systems using R and SQL.
- Integrated data from field teams, health centers, and climate datasets to forecast risk patterns, improving intervention timeliness by 29%.

- Collaborated with local government and farming networks to contextualize health compliance indicators and design inclusive tools.

JOOUST & VLIRIC Regional Program

Senior Research Data Manager | Nov 2021 – Apr 2023

Kenya, Tanzania, Rwanda

- Built end-to-end data architecture across 3 countries for sustainable agriculture and health systems, housing 1M+ data points.
- Led dashboarding and SOP development for project teams, standardizing M&E processes for 6 NGOs.
- Implemented anonymized data protocols aligned with GDPR-like standards to strengthen ethical compliance in sensitive health data.

LERIS Hub

Research Data Analyst – Rural Development | Sep 2017 – May 2021

Kenya

- Conducted evaluations for community-led accountability in agriculture, influencing policy shifts on coffee trade regulation.
- Led mixed-methods research designs and RCT frameworks for 4+ rural development interventions.
- Translated multi-source datasets into policy briefs and donor reports used by ministries and international partners.

Lake Region CDI

Data Specialist | May 2016 – Aug 2017

Western Kenya

- Deployed digital MEL tools in climate-vulnerable communities, reducing reporting delays by 50%.
- Initiated community-based feedback systems that improved data completeness from <60% to 92%.

Select Consulting Projects

Year	Client/Project	Role	Key Contributions
2025	FEMNET	Lead Consultant	Developed feminist SRHR advocacy toolkit; led participatory stakeholder consultations
2024	CMMB / Global Fund PMTCT Study	Technical Lead	Designed protocol, obtained ethics approvals, conducted analysis; informed maternal health compliance metrics
2024	Dalberg / MMV	Lead Consultant	Designed qualitative data tools; delivered uptake report shaping antimalarial policy

Year	Client/Project	Role	Key Contributions
2023	NEPHAK	MEL Consultant	Built automated Power BI dashboards tracking PEPFAR-linked indicators and community-led monitoring outcomes

Education

MSc, Epidemiology & Biostatistics (In Progress)

Jaramogi Oginga Odinga University of Science and Technology (JOOUST), Kenya

BSc, Statistics (Hons)

University of Nairobi, 2016

Certifications

- Data Science Professional Certificate – DataCamp (2023)
 - AWS Certified Cloud Practitioner (2022)
 - Google Data Analytics Specialization (2021)
 - Monitoring & Evaluation in Global Health – Univ. of Washington (2025)
 - Economic Evaluation – Univ. of Washington (2024)
 - Biomedical Research Ethics – CITI Program (2024)
 - Advanced R for Data Analysis – DataCamp (2023)
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Technical Skills

- **Programming & Analytics:** R (Advanced), Stata (Advanced), Python (Intermediate), SQL (Intermediate), Excel (Advanced)
- **Visualization & Reporting:** Power BI, Tableau, KoboToolbox, DHIS2, REDCap
- **Data Architecture:** ETL pipelines, survey design, SQL databases, integrated dashboarding, GDPR-aligned data management
- **Frameworks & Tools:** MEL frameworks, PAF commitments, community feedback systems, policy compliance audits
- **Sector Expertise:** Global health, humanitarian aid, agriculture, rural development, transparency & accountability