Nichodemus Werre Amollo

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Data Systems & Analysis Officer | Data Scientist | Monitoring & Evaluation Specialist

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Professional Summary

Impact-driven data systems professional with over 8 years of experience managing digital monitoring platforms and delivering actionable data insights in research, health, education, and development contexts. Proven track record in maintaining dashboards, improving data quality, and supporting evidence-based decision-making. Skilled in coordinating cross-functional teams and external partners to ensure robust system design and adoption.

Core Competencies

- *Digital Data System Management* – Power BI, Looker Studio, Superset
- *Monitoring & Evaluation (MEL)* – Impact analysis, KPI tracking, program performance
- *Data Quality & Governance* – SOPs, QA frameworks, IRB-compliant systems
- *Dashboard Development* – Interactive visualizations, stakeholder reporting
- *Data Integration* – APIs, ETL pipelines, automation (Sheets, JSON)
- *Cross-Team Coordination* – Donors, consultants, program staff

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Technical Skills

- **Languages**: Python, SQL, R, STATA, SPSS
- **Tools**: Power BI, Tableau, Superset, Looker Studio
- **Big Data Familiarity**: Hadoop, Spark, Presto
- **Data Ethics**: Open data, privacy-aware practices, CITI certified

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Professional Experience

Lead Biostatistician – *Georgetown University East Africa Programs*

Apr 2025 – Present

- Spearheaded system design and QA processes across three countries, enhancing data architecture and insights delivery.
- Maintained Power BI dashboards and coordinated data pipelines for MEL insights.
- Acted as liaison with tech partners to align digital systems with monitoring goals.

Statistician – *Kenya Medical Research Institute (KEMRI)*

Apr 2023 – Mar 2025

- Oversaw digital performance tracking systems and data visualization for policy stakeholders.

- Delivered high-quality analysis to guide MEL frameworks in health sector programs.

Senior Data Manager – *VLIR-UOS / JOOUST*

Nov 2021 – Apr 2022

- Led transition from Google Looker Studio to Power BI for regional dashboards.
- Maintained consistent data structures and metadata across three countries.
- Partnered with MEL leads and consultants to customize platform features.

Data Analyst & MEL Specialist – *LERIS Hub*

Sep 2017 – May 2021

- Built real-time dashboards and MEL reports for community programs.
- Developed and maintained system-wide data validation processes.
- Facilitated donor reporting and coordinated evaluation activities with partners.

Key Projects

- **Monitoring System Migration**: Shifted MEL dashboards from Looker Studio to Power BI for education and health sectors.
- **QA Framework Co-Design**: Led standardization of QA and data ethics procedures for regional data sharing.
- **Cross-Country Reporting Systems**: Unified monitoring data across Kenya, Uganda, and Rwanda.

Education

MSc Statistics & Data Science (Ongoing) – JOOUST, Kenya *(Expected 2026)*

BSc Statistics (Honours) – University of Nairobi, Kenya *(2016)*

Certifications

- Google Data Analytics Professional Certificate
- AWS Certified Cloud Practitioner
- Monitoring & Evaluation for Global Health – University of Washington
- CITI Program – Biomedical Research Ethics

Languages

- English: Fluent | Kiswahili: Fluent

References

Available upon request.