

## NICHODEMUS WERRE AMOLLO

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**Senior Data & Operations Quality Analyst**

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### PROFESSIONAL SUMMARY

Senior data and operations quality analyst with **8+ years of experience** supporting humanitarian, public-sector, and development operations through **data collection, validation, analysis, visualization, and quality control**. Proven ability to design and manage **federation-wide data systems**, develop **operational dashboards**, and ensure **data quality and accountability** in low-resource and emergency contexts. Extensive experience working with **national and regional teams**, strengthening data processes, and translating complex operational data into decision-ready insights for leadership and stakeholders.

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### CORE COMPETENCIES

- Humanitarian Information Management (IM) & PMER
  - Data Collection Systems & Quality Control
  - Emergency Operations Dashboards & Reporting
  - Federation-wide Data Consolidation & Validation
  - Power BI, Excel (Advanced), Kobo, SQL
  - Operational KPIs & Performance Monitoring
  - Data Protection, Ethics & Accountability
  - Capacity Strengthening for Field & National Teams
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### PROFESSIONAL EXPERIENCE

#### Data Scientist – Georgetown University

Apr 2025 – Present

- Supported **regional humanitarian operations** through data collection, consolidation, validation, analysis, and visualization for multi-country programs.
  - Designed and maintained **operational dashboards** used for decision-making, early warning, and resource allocation.
  - Led **data quality checks**, validation workflows, and documentation to ensure consistency across country inputs.
  - Coordinated data inputs from field teams and partners, ensuring compliance with agreed methodologies and reporting standards.
  - Translated operational and programmatic data into **clear insights highlighting gaps, risks, and successes**.
  - Worked closely with M&E, gender, and operations teams to improve data usability and accountability.
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## **Statistician - Kenya Medical Research Institute (KEMRI)**

*Apr 2023 – Mar 2025*

- Managed **large-scale program data** including validation, cleaning, analysis, and reporting for health and emergency-related programs.
  - Developed **Power BI and Excel dashboards** tracking KPIs, budgets, and operational performance.
  - Supported monthly and ad hoc reporting to donors and government stakeholders.
  - Strengthened data quality standards and supported teams in improving data collection tools.
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## **County Data & Operations Analyst - County Government of Homa Bay**

*May 2022 – Oct 2023*

- Supported **emergency preparedness and service delivery monitoring** through data systems and dashboards.
  - Coordinated data collection from rural facilities, validated submissions, and fed insights back into operations planning.
  - Supported operational decision-making in **low-connectivity environments**.
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## **Senior Research Data Manager – JOOUST & VLIRIC**

*Nov 2021 – Apr 2022*

- Consolidated **multi-country program data** and standardized indicators across partners.
  - Designed reporting tools and workflows to improve data consistency and quality.
  - Coordinated closely with technical and operational teams across institutions.
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## **Data Analyst – LERIS Hub**

*Sep 2017 – May 2021*

- Supported donor-funded programs through **KPI tracking, data quality checks, and visualization**.
  - Built dashboards and reporting tools for operational and strategic decision-making.
  - Supported partners in improving data collection methodologies.
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## **EDUCATION**

- **MSc Statistics & Data Science (Ongoing)** – JOOUST
  - **BSc Statistics (Hons)** – University of Nairobi
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## **TECHNICAL SKILLS**

Excel (Advanced), Power BI, SQL, Python, Kobo Toolbox, Data Validation, Dashboards, KPI Reporting, Data Quality Analysis