

TRACEY ATIENO ONYANGO

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PROFESSIONAL PROFILE

Statistics graduate with over two years of experience in monitoring and evaluation (M&E) support, data collection, data cleaning and quality assurance across public health and community development programmes in Kenya. Skilled in data quality checks for completeness, consistency and validation; building digital data-collection tools in KoboToolbox and ODK; compiling datasets from multiple sources; and preparing dashboards and visual summaries in Power BI to inform reporting and decision-making. Proficient in Excel, Stata, R, SPSS and SQL. Methodical, detail-oriented, and experienced in documenting findings and preparing briefs and technical summaries for programme and stakeholder use.

EDUCATION

BSc Statistics — University of Nairobi (Second Class Upper), 2020–2024

Kenya Certificate of Secondary Education (KCSE) — Kisumu Girls High School (B+), 2016–2019

PROFESSIONAL CERTIFICATIONS (M&E)

- Data Collection and Analysis -InsDev Consulting, 2026 (ongoing)
- Data Analysis Bootcamp – InsDev Consulting, 2026
- AI for Research, Insights & Data — PoliSync Centre for International Policy Engagement, 2026
- AI for Operations, Admin & Planning — PoliSync Centre for International Policy Engagement, 2026
- Monitoring and Evaluation — Jomo Kenyatta University of Agriculture and Technology, 2024
- Certificate in Introduction to Data Analysis — AMREC Consultants, 2023
- Certificate in Introduction to Mobile Application Tools — AMREC Consultants, 2023

PERSONAL PROJECT

Public Health Incident Data Cleaning — Microsoft Excel

Personal project | [[Data Cleaning Writeup](#)]

- Cleaned a 199-record, 28-column public health incident dataset (Insecurity Insight/HDX) with inconsistent country naming, missing fields, and overlapping disease tags
- Standardized country names via ISO-code lookup (VLOOKUP), removed empty columns, and restructured six disease fields into binary flags to preserve multi-disease incidents rather than collapsing them into one category
- Documented all cleaning assumptions (e.g., treating blank counts as zero) and validated results through summary breakdowns by country, year, and disease type

Tools: Excel (VLOOKUP, COUNTA, PivotTables), **Source:** Insecurity Insight (HDX)[[Datasets](#)]

CORE SKILLS

Monitoring & Evaluation (M&E): programme monitoring, baseline/output/outcome data, indicator tracking, multi-county coordination

Data Collection: KoboToolbox, ODK, SurveyCTO, CommCare, survey design, enumerator support, field coordination

Data Management & Analysis: Stata, R, SPSS, Python, SQL, DHIS2, Advanced Excel (pivot tables, Power Query, nested formulas)

Data Quality Assurance: validation checks, data cleaning, deduplication, completeness & consistency checks, confidentiality

Data Visualization & Reporting: Power BI dashboards, charts, technical reports, briefs, documentation of lessons learned

WORK EXPERIENCE

Temporary Data Clerk — PATH Kenya, Nairobi

Apr 2026 – Jun 2026

- Entered, verified, and updated programme data into spreadsheets and digital systems, ensuring records were accurate and properly formatted.
- Reviewed data for errors, corrected discrepancies, and removed duplicate entries across programme datasets.
- Organized and maintained digital filing systems for programme records, reports, and administrative documents.
- Created Excel trackers to monitor data entry progress and support timely reporting to the project team.
- Handled confidential health programme information professionally and met all assigned deadlines with minimal supervision.

Data Analyst – Data Quality & Remediation — Clinton Health Access Initiative, Nairobi

Apr 2025 – Jun 2025

- Entered, verified, and cleaned programme data across 8 counties, correcting errors and removing duplicates.
- Followed up with field teams to gather missing information and update records accurately and on time.
- Reviewed data for accuracy, identified discrepancies, and prepared summaries of key findings using R.
- Prepared reports and dashboards in Power BI to present programme data clearly to the team.

Data Clerk — PATH Kenya, Nairobi

Dec 2024 – Mar 2025

- Set up data validation checks to ensure all information entered into the system was correct and complete.
- Created spreadsheets and trackers in Excel to organize data, track deadlines, and support timely reporting.
- Identified and flagged errors and missing information, then followed up to ensure prompt corrections.
- Organized data into clear summaries and formatted reports for use in stakeholder meetings.

MEL Assistant (Internship) — Kenya Community Development Foundation, Nairobi

Oct 2024 – Dec 2024

- Developed 8+ digital data collection tools using KoboToolbox.
- Cleaned and verified field data to meet organizational standards before entry into the system.
- Tracked and updated programme records across multiple counties, ensuring entries were accurate and current.
- Prepared reports with charts and summaries to communicate programme progress clearly.
- Built monitoring trackers in Excel to consolidate data from different locations into one organized record.

Quantitative Research Assistant — B&M Consult Kenya, Nairobi

Aug 2024 – Sep 2024

- Collected and entered field data using structured survey forms, following clear procedures.
- Checked all collected data for accuracy and completeness before submission.
- Helped prepare research reports by entering, formatting, and organizing data into clear documents.

Research Assistant (Attachment) — AMREC Consultants, Nairobi

May 2023 – Sep 2023

- Supported research activities including data collection, data entry, and organizing background information.
- Compiled findings into structured reports and tracked project tasks and deadlines.
- Interviewed respondents and double-checked data entries to ensure research records were reliable.

Field Research Assistant — Leonard Cheshire, Kisumu (Nyamira and Muhoroni)

Jun 2022 – Aug 2022

- Collected and recorded field data for M&E activities in rural communities.
- Checked and verified field records for accuracy and completeness before system entry.
- Engaged with community members to collect information and support programme data collection.

REFEREES

Daisy Rono — Senior MEL & Impact Research Lead, Impact Africa Consulting. +254 722 433 515, daisyrono4@gmail.com

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