MWANZA WAMBUA

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PROFILE SUMMARY

Detail-oriented Data Scientist and Data Analyst with extensive experience in data annotation, AI training support, data analytics, database management, data engineering support, and technical writing. Skilled in SQL, Python, Power BI, and data modelling, with strong abilities in transforming raw data into structured, high-quality datasets for analysis, reporting, and machine learning workflows.

CORE SKILLS

• Data Annotation & QA (text classification, summarization, evaluation, rewriting)
• AI Training Support & LLM Evaluation
• SQL Databases, ETL, Data Modelling, Data Cleaning & Validation
• Python for Data Processing & Analytics (Pandas, NumPy)
• Power BI, Excel (Advanced, VBA), Visualization Tools
• Technical Writing, Documentation & Report Writing
• Research, Monitoring & Evaluation, Data Governance

PROFESSIONAL EXPERIENCE

Monitoring, Evaluation & Learning Officer – Makueni Development Trust (2022 – Present)
• Managed and cleaned multi-source datasets ensuring over 95% accuracy for reporting.
• Developed and maintained a Member Management Information System (MMIS) improving data accessibility.
• Conducted qualitative and quantitative analyses supporting decision-making and reporting.
• Trained field teams on data collection, analysis, and reporting.
• Produced analytical reports, briefs, dashboards, and structured datasets.

Programmes Coordinator – Youth for Sustainable Development (Feb 2024 – Dec 2024)
• Coordinated programme data, reporting, and stakeholder communication.
• Developed high-quality reports, case studies, and data summaries.
• Ensured project compliance and maintained documentation quality.

Lead Performance Data Analyst – Farm Concern International (Jun 2024 – Sep 2024)
• Analyzed large datasets using Python and SQL across agriculture and retail sectors.
• Conducted statistical analysis, modelling, and trend identification.
• Produced detailed business portfolio reports and recommendations.

Data Quality Officer – Trends and Insights Africa (2021)
• Led data validation and accuracy checks across multiple databases.
• Implemented data cleansing processes and QA workflows.
• Improved reliability and structure of large datasets.

Statistics Intern – Makueni County Government (2021)
• Conducted data collection, cleaning, and analysis.
• Supported research projects and contributed to analytical reporting.

PROJECTS

• Business Portfolios Analysis (Tanzania & Malawi) – Python, SQL
• USAID KIWASH Water Mapping – MIS & GIS-based data structuring
• Human–Carnivore Conflict Research – Quantitative & qualitative data analysis

EDUCATION

BSc. Mathematics & Computer Science (Statistics) – Meru University (2014–2019)
Applied Data Science – WorldQuant University (2025, ongoing)
Data Science Certification – Simplilearn SkillUp (2024)

LANGUAGES

• English (C2) • Swahili (C1)