

## MAURICE OTIENO JUMA

Statistician | Data Analyst | Data Scientist | Meal Professional | Programme Quality Assurance Specialist

Address – Nairobi City, Kenya

+254797558537

mauriceojuma2017@gmail.com



LinkedIn: Maurice Juma



GitHub



Website (Links)

### Profile Summary

---

Analytical and results-driven Statistician & Data Analyst with 3 years' experience in humanitarian programmes and government projects. Specialized in data management, quality assurance, and real-time statistical analysis, with a proven track record of conducting audits, designing MEL frameworks, and delivering evidence-based insights that strengthen accountability and performance. Proficient in SQL, R, Python, SPSS, Excel, Power BI, and R Shiny, with hands-on expertise in database development and digital data collection tools (ODK, SurveyCTO, Kobo Collect, RESCO). Skilled at compiling, cleaning, and transforming complex datasets into clear, actionable reports while ensuring compliance with safeguarding and organizational standards. Experienced in donor reporting, capacity building, and workflow optimization, and adept at training staff on data systems, policies, and procedures. Collaborative team player with strong communication skills and adaptability, passionate about leveraging data-driven solutions to enhance governance, operational efficiency, and service delivery.

### Leadership and Attributes

---

- Proven ability to manage cross-functional teams and lead high-impact projects.
- Strong communication skills with ability for presenting complex data to non-technical stakeholders.
- Demonstrated integrity, accountability and high vocational attitude towards work.
- Quick learner with a strong willingness to acquire new skills and adapt to evolving systems.

### Core Competencies and Technical Skills

---

- **MEL Systems & Frameworks:** Results frameworks, indicator development, baseline/midline/endline evaluations, after-action reviews.
- **Research & Learning:** Research design, data quality assurance, policy briefs, donor reporting, survey planning, lessons learned documentation.
- **Data Integrity & Governance:** Quality assurance frameworks, desktop reviews, SOP compliance, safeguarding, and data protection.
- **Data Collection, & Data Management:** Quantitative & qualitative methodologies, digital data collection tools (ODK, SurveyCTO, Kobo Collect, RESCO), data validation, cleaning, and database management.
- **Statistical Analysis & Programming:** Advanced proficiency in R, Python, SPSS, SQL, and Excel for statistical modeling and data-driven insights.
- **Analytical Solutions:** Predictive modeling, KPI development, impact assessment, and evidence-based recommendations.
- **Capacity Building:** Training and mentoring staff on MEL systems, strengthening organizational learning and reporting mechanisms.
- **Business Intelligence & Visualization:** Power BI, Salesforce, R Shiny, Databricks for interactive dashboards and executive-ready reporting.
- **Collaboration & Reporting Tools:** SharePoint, Google Workspace, Outlook, Microsoft Word, and PowerPoint for stakeholder communication.
- **Adaptability & Continuous Learning:** Quick learner with strong willingness to acquire new skills and adapt to evolving systems.

### Work Experience

---

#### i. Programme Quality Assurance Officer - Mary's Meals International

June 2024 – Nov 2025

- Led advanced data analysis and research oversight to identify programme gaps and recommend corrective actions.
- Designed and validated large datasets using SQL, Excel Power Query, and cloud-based systems, ensuring compliance with SOPs and data protection policies.
- Conducted real-time field checks and monthly reviews to strengthen data quality and programme efficiency.
- Built and maintained scalable dashboards, monitoring KPIs across 650+ schools using Power BI, R Shiny, and Salesforce to ensure service levels and operational goals were consistently achieved.

- Mentored 4 interns and trained 50 staff members on statistical workflows, dashboard development, automated reporting and SOPs compliance, strengthening organizational capacity and data-driven decision-making.
- Produced donor reports and evidence-based recommendations to improve programme delivery.
- Promoted best practices in data management through capacity building and knowledge sharing.
- Developed mobile/cloud-based monitoring tools (SurveyCTO, RESCO) for real-time data collection.
- Delivered tasks with reliability and attention to detail while continuously learning new technical skills in Python, R, ODK, LaTeX, Microsoft Dynamics 365, and leadership.

**ii. Programme Quality Assurance Intern – Mary’s Meals International** **Nov 2023 – May 2024**

- Supported QA strategy by conducting field checks and database reviews to enhance data integrity.
- Conducted weekly field checks and monthly desktop reviews to improve data quality and SOPs compliance.
- Collaborated across teams to troubleshoot delivery inefficiencies using Salesforce and Outlook.
- Enhanced data quality through database reviews and monitoring tool development in SurveyCTO and RESCO.
- Promoted best practices in data management through capacity building and knowledge sharing.
- Delivered tasks with reliability and attention to detail while continuously learning new technical skills Python, R, SPSS, Google Docs, Google Sheets, and soft skills in interpersonal and collaboration skills.

**iii. Corporate Planning and Strategy Intern – NG-CDF Board** **Sept 2021 – Jan 2022**

- Reviewed and analyzed departmental performance contracts using Excel and Power BI to assess KPIs.
- Evaluated development projects in 10 constituencies using SPSS and Google Sheets, ensuring timely execution.
- Demonstrated attention to detail and reliability in supporting strategic planning tasks.
- Delivered additional tasks with reliability and attention to detail while continuously learning new technical skills in R, SPSS, LaTeX, and Tableau, and soft skills in collaboration and teamwork.

**Certifications and Trainings**

---

1. Monitoring, Evaluation, Accountability & Learning (MEAL) – Humanitarian Leadership Academy Feb 2026
2. Certified Internal Auditor – The Institute of Internal Auditors (IIA) Jan 2026 – Present
3. Lean Six Sigma Black Belt (CLSSBB) – Alison Oct 2025 – Present
4. Safeguarding & Data Protection – Mary’s Meals Kenya

**Education Profile**

---

1. **Jomo Kenyatta University of Agriculture and Technology** **Aug 2018 - Dec 2022**  
BSc Statistics - Second Class Honors (Upper Division)
2. **Homa Bay High School** **Feb 2014 - Dec 2017**  
Kenya Certificate of Secondary Education – Grade: B+, 70 points.

**Referees**

---

**Kepher Ochieng**  
Programme Quality Assurance Lead –  
MEL Mary’s Meals International  
Organization (MMI)  
+254702545799  
[kepher.ochieng@Marysmeals.Org](mailto:kepher.ochieng@Marysmeals.Org)

**Ann Florence**  
Internal Auditor  
Mary’s Meals International  
Organization (MMI)  
+254714024700  
[anne.florence@Marysmeals.org](mailto:anne.florence@Marysmeals.org)

**Geofree Githinji**  
Head of HR and People  
Development  
Mary’s Meals International  
Organization (MMK)  
+254741441617  
[geofree.githinji@outlook.com](mailto:geofree.githinji@outlook.com)