

ERIC MBURU NJIRAINI

Phone: +254 700 463 660
Email: menjiraini@gmail.com
Portfolio: <https://ericnjiraini.github.io/me/>
LinkedIn: <https://www.linkedin.com/in/eric-njiraini/>

Professional Summary

Data Analytics professional with 5+ years of experience designing, automating, and operationalizing data systems that support supply visibility, demand planning, and performance management across multi-country operations in Sub-Saharan Africa. Proven expertise in building interactive dashboards, data pipelines, and early-warning indicators using Power BI, SQL, Python, and R. Strong background working with complex, incomplete, and multi-source datasets, translating programmatic and operational needs into actionable analytics for decision-makers. Experienced in capacity building, data quality management, and stakeholder collaboration in fast-paced, multi-stakeholder environments.

Experience

Burn Manufacturing — Nairobi, Kenya

Data Analytics Manager | Nov 2025 – Present

- Lead enterprise-wide analytics initiatives supporting Commercial, Field Operations, Customer Experience, and Logistics, ensuring data products directly inform operational planning and decision-making.
- Own executive dashboards and scorecards used to monitor supply performance, operational KPIs, and demand trends, reducing decision-making lead time through near real-time insights.
- Drive data quality and governance standards, ensuring ≥95% data accuracy and completeness across critical operational datasets.
- Oversee automation of reporting and workflows, reducing manual effort and improving timeliness of insights for leadership and operational teams.
- Collaborate with cross-functional stakeholders to translate business and operational requirements into analytics specifications, indicators, and dashboards.

Burn Manufacturing — Nairobi, Kenya

Data Analytics Lead | Jan 2023 – Nov 2025

- Led a cross-functional analytics team delivering decision-support dashboards and analytics across sales, operations, logistics, and finance.
- Integrated data from ERP (MS Dynamics), CRM, warehouse, and field data collection tools (Kobo Collect, ODK) into centralized analytics platforms.
- Designed and maintained Power BI dashboards enabling leadership to track operational performance, demand signals, and distribution trends.
- Built scalable data transformation pipelines using Python, R, AWS Glue, and Lambda to standardize data from multiple systems and formats.
- Implemented validation checks, SLA monitoring, and pipeline audits to improve data reliability and supply visibility.
- Delivered analytics supporting field operations planning, inventory monitoring, and performance management across multiple regions.

- Conducted regular training for country and field teams on dashboard interpretation and data-driven decision-making.

Burn Manufacturing — Nairobi, Kenya

Business Intelligence Analyst | Jan 2020 – Jan 2023

- Developed 15+ interactive dashboards in Power BI supporting operational tracking, logistics reporting, and management decision-making.
- Automated over 90% of recurring reports using Python and R, significantly improving reporting timeliness and consistency.
- Supported supply and field operations teams by transforming raw operational and survey data into actionable insights.
- Implemented an interim data warehouse solution that reduced reporting turnaround time by 90% prior to cloud migration.
- Recognized as Employee of the Month (March 2022) for delivering impactful analytics and visualizations

Dalberg Research — Nairobi, Kenya

Data Processing Officer | Apr 2017 – Sep 2019

- Designed and deployed data collection systems using Kobo Collect, SurveyToGo, and ODK across multiple African countries.
- Conducted data cleaning, validation, analysis, and reporting to support program evaluation and operational decision-making.
- Built dashboards and analytical reports to communicate findings to technical and non-technical stakeholders.
- Supported geo-spatial analysis projects to enhance planning, targeting, and operational efficiency.

Education

MSc Data Science (In Progress)

University of East London | 2024 – 2026

Bachelor of Science in Statistics

Jomo Kenyatta University of Agriculture and Technology | 2014 – 2018

Skills & Certifications

1. **Tata Data Visualization: Empowering Business with Effective Insights - Oct 2023**
 - Completed a simulation involving creating data visualizations for Tata Consultancy Services
 - Prepared questions for a meeting with client senior leadership
 - Created visuals for data analysis to help executives with effective decision-making.
2. **Data Strategy and Governance- (Sep-2023)**-Project Management Institute
3. **Communicating with Executives- (Sep-2023)**-Project Management Institute
4. **Decision & Risk Management Professional (DEMP) (Sep-2023)**-Project Management Institute

Technical Skills

- Programming & Analytics: Python, R, SQL

- Visualization: Power BI, Tableau, Metabase
- Data Systems: AWS, Data Pipelines, Data Warehousing
- Data Collection: Kobo Collect, ODK, SurveyToGo
- Other: KPI Design, Data Quality Management, Automation, Governance

Certifications & Memberships

- Data Strategy & Governance – Project Management Institute
- Communicating with Executives – PMI
- Decision & Risk Management Professional (DEMP) – PMI
- Data Visualization – Tata Consultancy Services
- Member: Royal Statistical Society
- Member: Kenya National Statistical Society

References

I will gladly provide this upon request.