

FAITH WAMBUI

Data Systems, Quality & Governance Professional

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Nairobi, Kenya

PROFESSIONAL SUMMARY

Data professional with 8+ years of experience across data systems design, data governance, quality assurance, monitoring & evaluation, and business intelligence. Proven track record in designing and operationalizing data governance frameworks, defining data ownership and stewardship structures, and driving data quality improvement across cross-functional teams in impact-oriented organizations. Experienced in building interactive dashboards (Power BI, Tableau), managing databases, conducting mixed-methods research, and enabling data-driven decision-making. Adept at navigating ambiguity, leading change management processes, and translating complex data insights for non-technical audiences. Currently pursuing an MSc in Business Analytics (Quantic, 2027). Open to remote arrangements.

TECHNICAL SKILLS

Data & Analytics: SQL, Python, Excel (Advanced), SPSS, STATA, NVivo, Jupyter

Visualisation & BI: Power BI, Tableau, Dashboard Design, Data Storytelling

Data Collection: ODK, KoBoCollect, Survey Design, Mobile Data Collection

Project & Workflow Tools: MS Project, Asana, GitHub, VS Code, MS Office, G-Suite, Lindy, Make.com, Power Automate

Governance & Compliance: Data governance frameworks, data ownership & stewardship structures, SOPs, data quality management, regulatory compliance

AI & Automation: Generative AI, AI-powered analytics, prompt engineering, workflow automation

PROFESSIONAL EXPERIENCE

Business Intelligence Consultant | *Dec 2023 – Jul 2025*

Kilimo Bora AgroTech Solutions

Remote, Kenya

- Designed and operationalized a data governance framework defining data ownership roles, responsibilities, and accountability structures across operational teams, establishing the foundation for distributed data management.
- Developed and maintained SOPs, documentation, and data-capturing standards to ensure consistent, high-quality data management across the organization.

- Built and deployed automated data management systems using workflow automation tools, saving 400+ work hours annually by reducing manual data handling.
- Designed and managed data quality dashboards with regular monitoring and review alerts, supporting a 40% improvement in marketing operational efficiency through evidence-based decision-making.
- Conducted data process mapping to identify bottlenecks and implemented data quality improvement plans that strengthened data accuracy, consistency, and reliability across the organization.
- Led change management processes for data tools and structures, ensuring stakeholder alignment and building data literacy across non-technical teams through onboarding sessions and accessible reporting.

Impact Rater (Freelance) | Apr 2023

Impaakt

Remote

- Evaluated corporate ESG performance using data-driven assessment frameworks, contributing to transparent and evidence-based sustainability impact ratings used by global investors and stakeholders.

Project Coordinator | Oct 2021 – Dec 2022

Firefly Construction Limited

Nairobi, Kenya

- Established accountability systems and data tracking mechanisms by developing a project management calendar that monitored goals, objectives, deadlines, and resource allocation across multiple projects.
- Led cross-functional stakeholder collaboration through structured communication channels, documentation, and meetings, ensuring data flow and decisions were well-documented and transparent.
- Managed comprehensive project data that included schedules, budgets, and expenditures, ensuring data integrity and accuracy for reporting to senior stakeholders.

Engineering Associate | Nov 2020 – Sep 2021

The Sanergy Collaborative

Machakos, Kenya

- Conceptualized and implemented data analysis systems and performance metrics that optimized processing section yields, achieving a 35% increase in operational efficiency.
- Developed data collection protocols and accountability frameworks that drove a 70% performance improvement in daily target adherence.
- Trained and led 11 crew leads on data-driven operational processes, building data literacy and fostering a culture of evidence-based continuous improvement.

- Designed data collection protocols and research frameworks to support monitoring and evaluation of operational processes, contributing to evidence-based continuous improvement.

Process & Quality Fellow | *Jul 2020 – Oct 2020*

The Sanergy Collaborative

Machakos, Kenya

- Established quality assurance frameworks for waste processing operations, including data collection protocols that enabled systematic evidence-based process optimization and quality control.
- Analyzed process workflows to identify bottlenecks and inefficiencies, applying data process mapping methodologies to support operational improvements.

Project Control Engineer | *Feb 2017 – Mar 2020*

Snow-In Engineering Limited

Nairobi, Kenya

- Implemented rigorous cost control and data monitoring systems across multiple projects, ensuring budget compliance and delivering actionable progress insights to stakeholders for timely decision-making.
- Developed and maintained project reporting systems that captured key data on resources, schedules, and forecasts.

Project Assistant | *Aug 2016 – Jan 2017*

Africa Waste and Environment Management Centre

Nairobi, Kenya

- Conducted comprehensive environmental impact assessments using field surveys and rigorous data collection methodologies, producing actionable reports with recommendations grounded in evidence.
- Performed data analysis for project feasibility studies, applying quantitative and qualitative methods to support evidence-based environmental decisions.

Enumerator | *Aug 2009*

Kenya National Bureau of Statistics

Nairobi, Kenya

- Contributed to national data collection by conducting accurate household surveys and maintaining data quality and integrity standards for Kenya's official census statistics.

EDUCATION

MSc Business Analytics | 2026 – 2027 *(In Progress)*

Quantic School of Business and Technology

Washington, D.C. (Online)

Advanced machine learning, statistical modelling, AI-enhanced analytics, big data, and data-driven leadership.

BSc Biomechanical and Processing Engineering | 2010 – 2016

Jomo Kenyatta University of Agriculture and Technology (JKUAT)

Kiambu, Kenya

Strong foundation in quantitative analysis, process optimization, systems design, and engineering problem-solving; building the analytical and data reasoning skills that underpin my data practice.

RELEVANT CERTIFICATIONS

Project Management, Monitoring & Evaluation *(Sonek)* | Quantitative & Qualitative Data Analytics *(Sonek)* | Business Intelligence *(Sonek)* | Data Analytics *(ALX)* | Python Programming *(ALX)* | Cybersecurity *(ALX)*

SELECTED PROJECTS

ClimateIQ: *AI-Powered Climate Intelligence Pipeline*

- Built an end-to-end automated AI pipeline (Google Gemini AI) that scrapes, classifies, summarizes, and delivers daily climate news, demonstrating skills in data pipeline design and automation.

DPro Template Library: *NGO Project Management Resource Hub*

- Developed a web platform centralizing PM4NGOs DPro templates, creating a structured data repository that improved resource accessibility for NGO practitioners.

ADDITIONAL

Familiar with survey tools *(ODK, KoBoCollect)* and actively exploring SurveyCTO and cloud computing as part of ongoing professional development. Legally authorized to work in Kenya; open to fully remote arrangements with organizations based elsewhere in Africa and beyond.