SAMUEL MWAMBURI MGHENDI

Nairobi, Kenya | (254) 716-245353 | sam.mwamburi@gmail.com | github.com/mghendi | linkedin.com/in/mwamburi

EDUCATION

University of Nairobi, Nairobi, KE   2022
MSc. in Computational Intelligence
Relevant Coursework: Data Science and Applied Data Visualization.

Moi University, Eldoret, KE   2019
BSc. in Informatics
Relevant Coursework: Software Engineering, Data Analysis, and Project Management.

WORK EXPERIENCE

United Nations Environment Programme, *Data Analytics Consultant*   December 2023 to Date
Nairobi, KE
- Quantified the impact of the Biodiversity and Multilateral Environmental Agreement portfolios and showcased insights, providing senior management with a risk assessment of the organization's portfolio.
- Streamlined project performance reporting for the UNEP Biodiversity and Multilateral Environmental Agreement portfolios through data pipelines to measure lead indicators, targets, and milestones.
- Developed automated document reconciliation for OzonAction Paris, improving compliance reporting efficiency.

Ona, *Data Analyst*   January 2023 to May 2024
Nairobi, KE
- Enhanced multiple clients' understanding regarding the impact of their humanitarian efforts. This was achieved through dissecting data and showcasing pivotal insights for clients and donors.
- Improved clients' data initiatives by orchestrating advanced data extraction and presentation and deploying the solutions on-premise.
- Consulted and trained internal and external stakeholders on data solutions infrastructure.

Analytics for a Better World, *Data Science Fellow*   September 2022 to December 2022
Amsterdam, NL
- Applied prescriptive analytics and machine learning towards optimizing plastic waste collection within Nairobi in collaboration with the United Nations Environment Programme.

United Nations Environment Programme, *Information Management Specialist*   July 2019 to December 2022
Nairobi, KE
- Developed the Quarterly Business Review (QBR) tool, which integrates project, grant, partner, and staffing data from multiple internal platforms and presents insights via monthly reports to senior management.
- Implemented multiple electronic workflows for the legal department by repurposing a software development task-tracking tool to centralize the submission of all administrative requests sent within the department.
- Created 20+ dashboards at various levels for strategic communication, including a dynamic report for tracking implementing partners' financial commitments and advance payments using PowerBI, reducing the number of manual tasks involved in preparing, monitoring, and reporting data for these agreements by 3 out of 5 steps.

VOLUNTEERING

Bridges for Enterprise, *Global Impact Analytics Manager*   February 2024 to September 2024
London, UK
- Applied descriptive and prescriptive analytics towards optimizing, enhancing, and communicating the impact of early-stage social enterprises in the developing world.