Samuel Mwamburi Mghendi

Phone: (254) 716-245353 | Email: sam.mwamburi@gmail.com
GitHub: github.com/mghendi

Professional Summary

Samuel Mwamburi Mghendi is a Data Analyst at technology start-up Ona. Samuel has applied analytics to optimize portfolio monitoring, provided support on the development of corporate reports, undertaken needs assessments for new and existing information systems, and responded to software requirements contributing to the efficient delivery of services. A major highlight being enabling UNEP's Legal Department to transition to electronic workflows (WeWork) for operational tasks during the onset of the COVID-19 pandemic.

Samuel holds a Master's in Computational Intelligence from the University of Nairobi and was a Data Science Fellow at the Analytics for a Better World Institute, University of Amsterdam, conducting research in collaboration with UNEP on optimizing plastic waste collection in Nairobi using Artificial Intelligence.

Technical Skills

- Data Analysis: MS Excel, Python, SQL, and QGIS.
- Data Extraction, Transformation and Loading: Airbyte, dbt, PostgreSQL, and MySQL.
- Data Visualization: Apache Superset and MS PowerBI.
- Version Control: Git.

Projects

- UNICEF Cambodia, Child Protection Information Management System (CPIMS) (March 2023 – December 2023)
- UNICEF Latin America and Caribbean, NDCs for every child Data Platform (January 2023 – November 2023)
- UNICEF Phillipines, Real-time Vaccination Monitoring and Analysis (RT-VaMA) (May 2023 – June 2023)
- UNICEF Ethiopia, Social Service Workforce (SSW) dashboard [published internally] (January 2023 - February 2023)
- UNEP, Quarterly Business Review [published internally] (July 2019 - December 2022)