

GLORY GAKII MBITI

Data Scientist | Business Intelligence | People Analytics

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PROFESSIONAL SUMMARY

I am a Data Scientist with a strong background in Economics and Human Resources, specializing in SQL analytics, data pipeline development, and business intelligence reporting. My experience includes building end-to-end data workflows, conducting fraud detection analysis, and translating complex datasets into actionable insights for decision-makers. I have a solid foundation in statistical analysis, data cleaning, and dashboard development. I am seeking an entry-level Data Science or Data Analyst role that focuses on data quality, analytics, and supporting business decisions.

TECHNICAL SKILLS

- **Programming:** Python (Pandas, NumPy, Matplotlib), SQL (MySQL, SQLite), SQLAlchemy
- **Business Intelligence:** Power BI, Excel (PivotTables, VLOOKUP, Data Validation)
- **Data & Analytics Skills:** Data Cleaning, ETL Pipelines, Statistical Analysis, Data Visualization
- **Tools:** Jupyter Notebook, MySQL Workbench, GitHub, Google Workspace

PROJECT EXPERIENCE

Water Funds Accountability Dashboard (SQL | Power BI | Excel)

- Designed SQL queries using multi-table JOINS and window functions to audit infrastructure datasets.
- Identified anomalies and flagged disproportionate visit frequencies relative to the population served.
- Delivered executive-ready insights through Excel pivot summaries and interactive Power BI dashboards.

Climate-Smart Agriculture Analytics (Python | Excel | SQLAlchemy)

- Built a modular ETL pipeline using Pandas and SQLAlchemy to ingest agricultural and weather datasets.
- Performed structured data cleaning, schema corrections, and handled anomalies.
- Conducted correlation analysis across eight crop types and produced clean Excel reports for planning and decision support.

WORK EXPERIENCE

Freelance HR & Administrative Consultant (Remote | Jan 2024 – Present)

- Digitized and organized company records, reducing retrieval time by 44%.
- Developed recruitment tracking systems that shortened time-to-hire by 20%.
- Supported HR operations through structured data management and reporting.

Assistant Human Resources Manager (China Civil Engineering Construction Corporation, Mombasa | Jan 2022 – Dec 2023)

- Managed HR data for over 150 employees, ensuring compliance with regulatory standards.
- Reduced payroll errors by 14% through improved data accuracy and validation processes.
- Improved employee engagement scores by 13% through structured HR programs.
- Streamlined recruitment workflows, reducing cycle time by 21%.

EDUCATION

Bachelor of Arts in Economics (Maseno University, Kisumu, Kenya | 2013 – 2017)

Second Class Honours, Upper Division

Relevant Coursework: Statistics, Quantitative Methods, Labor Economics, Research Methods

Final Research Project: Kenya's Emerging Skills Gap; employer interviews and data analysis

CERTIFICATIONS

- Professional Foundation Certificate — ALX Africa (May 2025 – Aug 2025)
- Data Analytics Certificate — ALX Africa (Sep 2025 – Nov 2025)

- Python Certificate — ALX Africa (Dec 2025 – Feb 2026)
- Virtual Assistance Certificate — Alison Online (Apr 2025 – Jun 2025)
- Google Digital Skills Training — Google (Ongoing)

CORE SKILLS

- Data Analysis & Visualization
- Statistical Modeling
- Machine Learning
- Python Programming for Data Science
- Data Cleaning & Preparation
- Quantitative Research Methods
- Database Management (SQL)
- Report Generation & Data Storytelling
- Digital Skills & Online Collaboration