EMMANUEL KIMUTAI BUNGEI

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SUMMARY

Experienced data professional with a strong background in mathematics and computer science. I am an analytical mind skilled in Problem Solving, Data Analysis, Statistical and Machine learning modelling, Database Management and Data Visualization.

EDUCATION

University of Stirling   **Stirling, Scotland, UK**
MSc. Mathematics and Data Science   **Sep 2025 - Present**

Kenyatta University   **Nairobi, Kenya**
BSc. Mathematics and Computer Science   **Graduated: July 2021**

WORK EXPERIENCE

Kenya Revenue Authority, Kenya   **August 2023 – September 2025**
Data Analyst, Domestic Taxes Department
- Conducting exploratory data analysis on taxpayer data to identify trends, patterns, and anomalies.
- Developing and maintaining SQL queries to extract and manipulate data from relational databases.
- Assisting in the design and implementation of data visualization dashboards using tools like Tableau and Power BI.
- Contributing to the automation of data processes and workflows to improve efficiency and accuracy.
- Conducting ad-hoc analysis and insights to support strategic initiatives and operational improvements.
- Assisting in the development and validation of predictive models for revenue forecasting and risk assessment.

Kenya Revenue Authority, Kenya   **January 2022 – December 2022**
Intern, Domestic Taxes Department
- Assisted in data collection, cleaning, and validation tasks to ensure data quality and integrity.
- Conducted statistical analysis and hypothesis testing to uncover insights from tax-related datasets.
- Developed data visualizations and presentations to communicate findings to stakeholders.
- Supported the development of machine learning models for predictive analytics and classification tasks.
- Assisted in the maintenance and documentation of data analysis processes and procedures.
- Collaborated with senior analysts to troubleshoot data issues and optimize data workflows.

VOLUNTEER

Co-organizer, Mentoring Programme - Kenyatta University   **Sep 2018 – Apr 2018**
- Organized workshops and seminars to promote data literacy and analytical skills among students.
- Provided mentorship and guidance to students interested in pursuing careers in data analysis and related fields.

SKILLS

- Programming: Python, SQL
- Data Analysis: Pandas, NumPy, Matplotlib, Seaborn
- Data Visualization: Tableau, Power BI
- Statistical Analysis: Hypothesis Testing, Regression Analysis
- Presentation Skills: public speaking and lead presenter in team presentation

CERTIFICATIONS

- Python Programming and PostgreSQL - Techcamp, Kenya
- Data Science - Institute of Software Technologies
- Database Administration - Institute of Software Technologies
- Cyber Security – Cisco Networking Academy
- Digital Marketing – Google
- Introduction to Tax and Security – KDF Recruits Training School & KESRA