ENOCK BEREKA

ASPIRING HEALTH DATA SCIENTIST & EPIDEMIOLOGIST

CONTACT

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📍 Kakamega, Kenya

EDUCATION

2023 - 2027

MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY

- Bachelor of Science in Epidemiology and Biostatistics

SKILLS

- R Programming
- Statistical Analysis
- Data collection(Commcare)
- Machine Learning & Artificial Intelligence
- Time Series Analysis & Forecasting
- Data Visualization(Reports and Dashboards)
- Disease Modeling & Surveillance
- Python Programming
- Communication Skills

PROFILE

Epidemiologist and Health Data Scientist with strong skills in statistical analysis, epidemiological modeling, and Machine Learning. Proficient in R and Python, with experience in data collection, analysis, Machine Learning, Data visualization and reporting. Passionate about using data-driven insights to support public health surveillance and outbreak management. My commitment to data science is fueled by my desire to uncover insights and make impactful contributions through data-driven decision-making.

Experience

1. Diabetes & Chronic Diseases Prediction Projects
- Implemented various machine learning algorithmns to predict the disease risk.
- Developed interactive web applications that aid in screening people of various Chronic Diseases for earlier detection and personalized treatments
2. TB Incidence Forecasting in Guangxi, China.
- Conducted Time series analysis on TB incidence in China to predict the future incidence of the disease to guide policy making and earlier interventions.
3. Conducted a study to assess the impact of Machine Learning in Control and Prevention of breast cancer in Tranzoia County, Kenya.
4. Conducted an Age-Period-Cohort Modelling study of TB mortality to assess the burden of TB across the Sub saharan Africa.

LANGUAGES

- English
- Swahili
- Luhya