**KEZIAH GICHEHA**

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**DATA SCIENTIST**

I am adept in data acquisition, modeling, statistical analysis, and machine learning. With a background in Computer Technology and an MBA in Project Management, I bring strong expertise in leading data-driven projects, managing cross-functional teams, and implementing technology solutions that drive business success.

**TECHNICAL SKILLS**

**Programming Languages**: Python, R, SQL

**Data Analysis Tools**: Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn

**Machine Learning**: Supervised/Unsupervised Learning, Regression, Classification, Clustering, Decision Trees, Random Forests

**Data Visualization**: Tableau, Matplotlib, Seaborn

**Database Management**: MySQL, PostgreSQL

**Data Cleaning & Preparation**: Data Wrangling, Feature Engineering, Data Transformation

**Version Control**: Git, GitHub

**TECHNICAL PROJECTS – (GitHub Links)**

* [NLP Depression Detection](https://github.com/wambuiGicheha/NLP-depression-detection)
* [Customer Churn Prediction](https://github.com/wambuiGicheha/Logistic_Regression_Project)
* [Sentiment Analysis on social media](https://github.com/wambuiGicheha/Sentiment-Analysis-on-Social-Media)
* [Home Value Predictions](https://github.com/wambuiGicheha/Regression_Project)
* [Microsoft-\_Studio\_EDA](https://github.com/wambuiGicheha/Project1)

**EXPERIENCE**

**System Administrator, ECW Ltd, Nairobi, Kenya** **01/2022 - 08/2024**

* Collaborated with the Project Engineer to improve data capture and archiving, leading to a 25% boost in data accessibility and reliability.
* Ensured 99.5% data availability by maintaining uninterrupted data capture, storage, and dissemination.

**Technical Support Engineer -Tier I, XC360 EA LTD Nairobi, Kenya** **09/2020 - 03/2021**

* Identified and resolved potential data issues, increasing operational efficiency by 15% and preventing delays in reporting.
* Streamlined IT operations through remote support and troubleshooting, ensuring accurate and efficient data handling.

**Data Assistant, FHI360, Nairobi, Kenya 02/2019 - 10/2019**

* Managed and organized large datasets, ensuring data integrity and accessibility for analysis, leading to a 20% reduction in processing time.
* Conducted data entry, cleaning, and validation tasks, improving the accuracy and reliability of reports by 15%.

**EDUCATION**

**Daystar University**, **Nairobi, Kenya.** 12/2025

MBA, Project Management

**Moringa School, Nairobi, Kenya.**  12/2024

Immersive Data Science Bootcamp program, Nov 2024

**Zuka Academy.** 06/2019

Data Science Program(R)

**The Technical University of Kenya, Nairobi, Kenya.** 12/2018

B. Tech, Computer Technology