

## WALTER KIPTANUI ROTICH

| Python | SQL | Data Science | Machine Learning | Data Visualization | Excel | MySQL | C | C++ |  
Deep Learning | Model Deployment (Flask, Streamlit, FastAPI, Heroku) | Statistics | Technical  
Writing | Fundamentals of Cloud Computing |

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Github: <https://www.github.com/walter-kiptanui>

Medium: <https://medium.com/@walterkiptanui5>

Kaggle: <https://www.kaggle.com/waltee>

Zindi: <https://zindi.africa/users/waltee>

## PROJECTS

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- ☑ Made a project presentation during the Data Science and Artificial Intelligence Conference 2023 held at Kabarak University from 1<sup>st</sup> to 3<sup>rd</sup> February 2023. <https://conferences.kabarak.ac.ke/index.php/dsai/issue/archive>
- ☑ Participated as a competitor and ambassador of the UmojaHackAfrica 2023 Machine Learning challenge on Zindi platform. Bagged position 103/247 in the intermediate challenge. <https://github.com/walter-kiptanui/Umoja-Hack-Africa-2023>
- ☑ Data Analysis of children at the Huruma Hospital in Eldoret for a medical practitioner.
- ☑ Worked on a project assigned to me by Center for Epidemiological Modelling and Analysis (CEMA). In the project, my task was to create a model that classifies blood sample images as either infected with malaria or not. I obtained the dataset under the Tensorflow Image libraries. <https://github.com/walter-kiptanui/Blood-Smear-classification>
- ☑ Created and deployed an NLP bot for performing classification tasks on Toloka platform. The task in question is (Is The Ad a Good Match to the Search Term?). The data labeled had 80% accuracy. <https://medium.com/@walterkiptanui5/is-the-ad-a-good-match-taac-task-on-toloka-automated-181277677f22>
- ☑ Predictive analysis of the rooftop solar potential data obtained from a certain area of interest in Nairobi. <https://github.com/walter-kiptanui/Rooftop-Solar-Potential-Mapping>

## ACADEMIC QUALIFICATIONS

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- ☑ BSc. Electrical and Electronics Engineering, 2<sup>nd</sup> Class Upper Division | Kenyatta University |

## TRAINING & PROFESSIONAL CERTIFICATIONS

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- ☑ Certificate of completion - Advanced Level of the Data Science Mentorship Training | Everything Data | May 2024 |
- ☑ Certificate of Completion – Data Science with Python | National Research Fund (NRF Kenya) | October 2021 |.
- ☑ Skill Badge – Embedded Machine Learning | Coursera | March 2022