

# RICENS WALTER OTIENO

## Contact Info

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**Nationality:** Kenyan

**Gender:** Male

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**LinkedIn:** <https://www.linkedin.com/in/otieno-walter-096370261/>

**GitHub:** [Link](#)

**Kaggle:** [Link](#)

## Skills

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- SQL (Google Big Query, MySQL, PostgreSQL)
- Python (Pandas, NumPy, Beautiful Soup, Matplotlib, Seaborn)
- Machine Learning (Supervised and Non-Supervised)
- Google Looker Studio
- Tableau
- Excel (Vlookup, Conditional Formatting, Pivot Tables)
- Microsoft Power BI

## Projects

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[ENERGY CONSUMPTION EDA & ML](#) – Personal Project – Nairobi

Feb 2025

- Utilized **Python** to analyze energy consumption and gain insights on the correlation between energy consumption and Temperature
- Used **pandas** to clean and analyze the dataset.
- Aggregated and visualized findings using **matplotlib** and **seaborn**.
- Linear regression modeling for prediction.

[CO2 World emission Dashboard](#) – Personal Project – Nairobi

Jan 2025

- Developed an interactive dashboard with **Google Looker studio** to help visualize CO2 World Emissions.
- Normalized the dataset using Excel.
- Posted the project on LinkedIn with Call to Action areas and highlighting regions with High CO2 emissions.

## Work Experience

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**RISK COMPLIANCE ANALYST/OFFICER** – 4G-Capital – Nairobi

March 2023 – To date

*4G Capital is a Fintech that provides working capital loans and business training to small businesses in Kenya and Uganda. This role focuses on developing the business strategy to meet sustainability standards and policies.*

- Develop and manage dynamic dashboards for fraud detection and risk management.
- Utilize web scraping to support sanction screening, specifically for PEPs (Politically Exposed Persons).
- Analyzing key company risks trends, i.e. credit risk and reporting to key stakeholders.
- Using excel to analyze sanction screening reports to mitigate money laundering and financial crimes.
- Analyzed virtual performance audits to identify top and bottom performing branches for Internal Audit risk based audit planning.
- Automated interest rate recalculations with the help of functions in python.
- Automation of Suspicious transactions monitoring using functions in python.
- Additional help to the Sustainability department in the Carbon CO2 emissions annual calculations. This was later updated to a dashboard for stakeholder presentation.

Website: <https://www.4g-capital.com/>

**UNDERWRITING ATTACHE**– Jubilee Insurance – Thika

Jan 2022 - April 2022

- Used excel in the calculation of insurance premiums.
- Developed reports for the branch manager on Unit performance.
- Registered insurance agents.
- Underwriting of Insurance policies for customers.

## Education

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- May 2019-August 2023 Mount Kenya University – Thika (Main Campus) **Bachelor of Science – Actuarial Science and Mathematics.**
- Feb 2025 – April 2025 Worldquant University Data Science Lab – ETL and OOP in python.
- May 2023-July 2023 Bounty Analytica Data School-SPSS, Power Bi,Stata,Python,Advanced excel, SQL

## Referees

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4G Capital  
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