

Njagi Clinton Munene

Data Scientist/Data Analyst

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SUMMARY

Results-driven Data Scientist with 3+ years of experience leveraging Python, machine learning, and business intelligence tools to transform complex datasets into actionable insights. Proven track record of building predictive models and interactive dashboards that drive strategic decision-making across government, agriculture, and financial sectors. Strong expertise in statistical analysis, data visualization, and market research with demonstrated ability to deliver measurable business improvements.

SKILLS

- Python, R-Programming
- Data Analysis and Data Visualization
- SQL
- Machine Learning
- Business Intelligence and Statistical analysis

PROJECTS

Ecommerce Growth Driver Analysis - <https://github.com/Clinton-Analyst/Linear-Regression-Project>

A New York-based clothing company selling products online and offering in-store personal styling sessions wanted to grow revenue but had no data-driven basis for deciding where to invest — mobile app or website. I was brought in as a data analyst to answer that question using customer data and machine learning. I found out that The mobile app drives 37x more revenue impact than the website (\$37.89 vs \$0.56 per additional minute). But the single biggest lever is customer retention — membership duration adds \$61.65 per additional year, outperforming every other channel.

Construction Site Daily Progress Reporting system - <https://daily-progress-reporting.streamlit.app/>

Real-time daily progress reporting system with Safety, and DPR modules. Tracks crew counts, incident trends, work completion_% and equipment hours with interactive visualizations. All are updated the moments it happens. This system ensures all incident never go unseen as the report is submitted daily

EXPERIENCE

Data Scientist Intern | State Department for Housing and Urban Development

Jan 2026-Present | Muraga TTI

- Analyzing housing and urban development data to inform policy decisions and strategic planning initiatives for government housing programs
- Develop predictive models to forecast housing demand and urban growth patterns across Kenya using Python and machine learning algorithms
- Created a real time daily progress reporting app that reduced manual reporting time by 50%

Market Research Analyst Intern | Agriculture and Food Authority-AFA

Nov 2024 - April 2025 | Nairobi

- Conducted comprehensive market analysis across 3+ regions to identify optimal locations for agricultural produce collection centers, resulting in strategic recommendations adopted by management
- Designed and implemented data collection frameworks using surveys and statistical analysis to evaluate market opportunities for smallholder farmers
- Organized 8 product promotion activities that enhanced market penetration for agricultural products through data-driven targeting

Freelance Data Scientist
Feb 2024-October 2024 | Remote

- Developed machine learning models (linear regression, decision trees, clustering) to analyze business trends for 10+ clients, informing strategic planning and revenue optimization
- Built 15+ interactive Power BI dashboards that improved client sales by 20-30% through enhanced visibility into sales patterns, customer behavior, and inventory management

Financial Advisor | CIC Insurance Company
Oct 2023-Jan 2024 | Nairobi

- Provided personalized financial planning and investment recommendations to 30+ individual and corporate clients using data analytics

EDUCATION

Maasai Mara University Bachelor of Science Applied Statistics with Computing	2018- 2022
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Certifications

Data analytics Boot Camp-Alexander Freiberg
Data Analytics Essentials-Cisco Networking Academy
Introduction to Data Science-Cisco Networking Academy
AI Access Course-Moringa School

VOLUNTEER EXPERIENCE

- **Mentor Cohort 4 – Moringa School:** I was in charge of mentoring aspiring data scientist on identifying various career paths and how to position themselves in the job market. Successfully guided mentee and responded to all queries.
- **IT Attaché - National Treasury:** Provided technical support across 5+ departments, resolving 100+ support tickets; assisted in network troubleshooting reducing downtime by 25%; processed and validated 10,000+ records with 99.5% accuracy