WELDON KIPKURUI LANGAT

Nairobi, Kenya

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[Github](#) |[Portfolio](#) |[Linkedin](#)

PROFESSIONAL SUMMARY

I am a passionate and hardworking Statistician who loves turning numbers into real business insight. I studied BSc in Applied Statistics with Programming at Murang'a University of technology on which I work on many projects which include data analysis, machine learning, and reporting using Python, MySQL , Power BI and microsoft offices tools.
I know that data is the heart of every decision, and my goal is to use my skills to help National Bank make smart and accurate decisions through data.

EDUCATION

Bachelor of Science in Applied Statistics with Programming – Murang'a University of Technology

Graduated: 2025 – Second Class Honours (Upper Division)

Relevant Courses:
- ❖ Statistical Computing I & II.
- ❖ Probability and Distribution Theory I & II.
- ❖ Regression Modelling and Statistical Modelling.
- ❖ Time Series Analysis & Econometrics.
- ❖ Database Management Systems.

TECHNICAL SKILLS

Python (pandas, sklearn, statsmodels), SQL, R, C++, Power BI, SPSS, STATA, Machine Learning (Random Forest, Logistic Regression), Time Series Forecasting, Hypothesis Testing, Econometrics

SELECTED PROJECTS

Application of Time Series Analysis in Economic Growth: Kenya GDP (2000–2023)

- ❖ Collected, cleaned and analysed GDP data from World Bank

- ❖ Conducted trend analysis & descriptive statistics

❖ Applied Linear Regression to predict GDP up to 2028

Bank Analytics & Loan Performance Dashboard

❖ Integrated SQL + Python for loan and customer analysis

❖ Built Power BI dashboard to support credit risk insights

Kenya Vehicle Tracking & Analytics System(Team project)

❖ Designed database + Python logic for live vehicle monitoring

❖ Dashboard supported traffic patterns & road safety insights

ATTACHMENT EXPERIENCE – Murang'a County Government

❖ Collected, cleaned, and analyzed administrative and project data to support evidence-based decision-making.

❖ Supported Monitoring & Evaluation (M&E) activities by tracking project performance against set indicators.

❖ Contributed to project feasibility studies through data analysis, field verification, and reporting.

❖ Assisted in tracking and evaluating the implementation of the County Integrated Development Plan (CIDP).

❖ Prepared professional reports, meeting minutes, and presentation materials for internal and stakeholder use.

CERTIFICATIONS

❖ SPSS & STATA – KESAP Research Centre

❖ Introduction to Data Science – Cisco Networking Academy

❖ Artificial Intelligence Fundamentals – IBM (Credly)

❖ Data Analyst – Micro1

❖ Data Analytics Essentials – IBM (Credly)

SOFT SKILLS

❖ Strong teamwork and collaboration skills
❖ Effective verbal and written communication
❖ Strategic problem solving and analytical thinking

- ❖ Fast learner with the ability to adapt quickly to new environments
- ❖ Honest, reliable, and highly dependable
- ❖ Able to work efficiently and deliver results under pressure

REFERENCES

- ❖ Available upon request