KELVIN MUTUKU MUTHAMA

Data Scientist & Analytics Engineer

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PROFESSIONAL SUMMARY

A Data Scientist with practical experience in data analysis, visualization, predictive modeling, and workflow automation.

TECHNICAL SKILLS

Languages & Querying: Python, R, SQL
Data & Analytics: Data Cleaning, EDA, Statistical Modeling, Predictive Modeling, Regression Analysis
Machine Learning: Supervised Model Evaluation, Feature Engineering
Visualization & BI: Power BI, Streamlit, Microsoft Excel
AI & Automation: n8n Workflow Automation, Google Gemini API, AI Agent Integration, Telegram Bot APIs
Tools & Platforms: Git, GitHub, Jupyter Notebooks, VS Code

WORK EXPERIENCE

Data Scientist Tutor | Hots For Data — Nairobi County

- I have tailored each session to the student's skill level and goals, using real datasets and projects rather than just theory.
- This practical approach improved their problem-solving skills and prepared them for real-world data science tasks and job interviews.

Data Scientist Intern | Social Health Authority (SHA) — Makueni County

- Conducted data quality audits across departmental datasets, resolving inconsistencies and improving the accuracy of operational reports.
- Built health facility landscape trend reports used by county officials for planning and resource.

EDUCATION

Bachelor of Science in Data Science

The Co-operative University of Kenya

KEY PROJECTS

Kenya Health Facility Analysis Dashboard ↗ View Project

- Engineered an end-to-end data pipeline from raw SHA datasets through cleaning, geospatial analysis, and interactive visualization — showcasing full-stack data delivery capability. .

n8n AI Workflow Automation — @FishandChickenDeli_bot

- Designed and deployed an automated customer interaction and order management system for a local business using n8n, Google Sheets, Telegram Bots, and Google Gemini AI.
- Integrated multiple live data sources (Google Sheets + Telegram + AI agent) in a single pipeline.