CASMIR MATURI
Kenyan | Nairobi, Kenya | +254768802025
casmirorori001@gmail.com | LinkedIn | Github
Data Scientist/Analyst

PROFESSIONAL SUMMARY

Detail-oriented Data Analyst with over one years of experience in data analysis, statistical analysis, and predictive modeling. Proficient in SQL, Python, and R Programming, with a strong background in data visualization using Tableau and Excel to drive strategic decision-making and optimize performance. Adept at developing compelling data visualizations and dashboards that enhance reporting efficiency and stakeholder communication. Strong background in statistical analysis, data modeling, and workforce analytics, with a proven track record of delivering solutions that improve operational outcomes. A collaborative team player with exceptional problem-solving and communication skills, committed to fostering data-driven strategies in dynamic environments.

EDUCATION

ALX Africa – Nairobi, Kenya   **January 2025 – Present**
Data Science Nanodegree

Technical University of Mombasa   **September 2019 – December 2023**
BSC Mathematics and Computer Science

Nyabigena Boys High School   **February 2015 – November 2018**
Kenya Certificate of Secondary Education

WORK EXPERIENCE

Data Analyst   **March 2024 - Present**
Aqua Clara Kenya – Kisii, Kenya

- Spearheaded the automation of quarterly reports, reducing report generation time by 40%, leading to more efficient and timely decision-making.
- Streamlined data management in Excel, achieving a 15% increase in data accuracy through advanced validation techniques and structured organization.
- Designed and implemented interactive dashboards, optimizing quarterly report generation and improving data visualization for key stakeholders.
- Conducted rigorous quality assurance checks, ensuring that 100% of water filters met industry standards before distribution.
- Successfully resolved 85% of customer complaints within the first interaction, improving customer satisfaction and retention.
- Worked closely with Operations, Finance, Sales, and HR teams to integrate data insights into strategic decision-making, driving efficiency across departments.
- Assisted the Customer Success team in tracking key performance indicators (KPIs) for high-impact projects, including Carbon Credit Monitoring and SIINC Financing, contributing to project success.

Mathematics/ Computer Tutor   **January 2024 - March 2024**
Rigoma Junior School – Kisii, Kenya

- Provided individualized and group tutoring sessions to 100+ students, leading to a 25% improvement in overall math and computer literacy test scores.
- Skillfully managed administrative responsibilities for the welfare of 42 students including: maintenance issues, incident reports, room transfers, handling of confidential information and conflict resolution. Received outstanding feedback ratings.

- Designed and implemented interactive lesson plans and hands-on computer exercises, improving student engagement and understanding of core mathematical concepts.

ICT Attachee   **January 2023 - March 2023**
Kenya Power and Lighting Company- Mombasa County
- Fiber optic technology including installation works for ADSS and OPGW fibers.
- Fiber repair work using fiber splicing kits and use of fiber test equipment such as OTDR and power meters.
- SCADA system configuration, operation and maintenance for the automation of monitoring and control of the national power grid.

PROJECTS
- Water Quality Prediction - Jupyter notebooks
- ABC supermarket sales Analysis - Tableau
- Titanic Survival Prediction - Python Pandas
- Hotel Reservation Analysis - SQL
- Bike Purchase Dashboard - Excel

SKILLS

➢ Data Analytics (SPSS)	➢ Strategic Planning	➢ Project Coordination
➢ Excel(Pivot tables)	➢ Team Collaboration	➢ Google Workspace
➢ Analytical Mindset	➢ Time management	➢ Powerpoint
➢ Pandas, Seaborn	➢ Attention to detail	➢ Canva
➢ Numpy, Matplotlib	➢ Creative	➢ Research analysis
SQL	➢ Innovative	➢ Technical Support

INTERESTS

Nature Wildlife Conservation   Community Development   Socialization

CERTIFICATIONS

- Quantitative Data Analysis- SONEK Data School *(2023)*
- Data, Algorithms and Gig Work - Atingi *(2024)*
- R Programming – SATUMS *(2023)*
- Data Analytics with Python – NawiriTech *(2024)*
- Microsoft Excel Project – Coursera *(2024)*
- AI Career Essentials – ALX *(2024)*

LANGUAGES
- ➢ Kiswahili   ➢ English

REFEREES
- **Available upon request**