

# SAMUEL MWENDWA MATI

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## CAREER SUMMARY

As a dedicated Data Analyst, I am passionate about leveraging my analytical skills and technical expertise to drive strategic decision-making and business growth. With a strong background in data visualization, statistical analysis, and predictive modeling, I excel in using tools like Python, SQL, Tableau, and Power BI. My goal is to contribute to a dynamic team, continuously develop my skills, and apply data-driven solutions to optimize processes, enhance performance, and uncover new opportunities for innovation and efficiency.

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## WORK EXPERIENCE

### Data Analyst Intern

Konza Technopolis Development Authority | Nairobi, Kenya  
December 2023 - Present

- Managed data integration processes from multiple sources, improving data consistency by 30%.
- Cleaned and preprocessed raw data, enhancing data accuracy and reliability by 25%.
- Analyzed sales performance, identifying trends that led to a 15% increase in sales.
- Segmented customers based on purchasing behavior and demographics to target marketing campaigns effectively, resulting in a 10% boost in customer retention.
- Forecasted future sales using historical data and predictive models, improving forecasting accuracy by 20%.
- Created interactive data visualizations in Power BI to present insights, facilitating better decision-making by stakeholders.
- Developed and maintained dashboards and reports for ongoing performance monitoring, reducing report generation time by 40%.
- Conducted ad-hoc data analyses to answer specific business questions, supporting strategic initiatives.
- Analyzed CRM data to optimize customer relationship management strategies.
- Ensured data quality through regular validation checks, reducing errors by 20%.
- Collaborated with sales teams to understand their data needs, enhancing data-driven decision-making.

## **IT Consultant**

Eagle Wida Technologies | Nairobi, Kenya

January 2022 - November 2023

- Provided IT consultancy services, including hardware configurations, software installations, and network administration, increasing operational efficiency by 20%.
  - Managed graphics design projects using CorelDraw and Photoshop, delivering high-quality visuals for marketing campaigns.
  - Conducted database administration using MySQL, optimizing database performance by 30%.
  - Taught computer literacy and programming basics (C, C++, Python) to students, enhancing their technical skills.
  - Troubleshoot IT issues, resolving 95% of user-reported problems within 24 hours.
  - Led training sessions on software and hardware usage, improving user proficiency and reducing support requests.
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## **EDUCATION**

### **Bachelor of Science in Computer Science**

South Eastern Kenya University, Kenya

Graduated: 2021

- Graduated with First Class Honors
  - Relevant coursework: Data Analysis in Python, AI and Machine Learning, Web Design, ICT Services, Graphics Design
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## **SKILLS**

### **Technical Skills**

- **Data Analysis:** Python, SQL, Tableau, Power BI, Advanced Excel
- **Data Visualization:** Power BI, Tableau, Matplotlib, Seaborn
- **Programming Languages:** Python, C, C++
- **Web Design & Graphics:** HTML, CSS, Figma, CorelDRAW, Photoshop
- **Database Management:** MySQL
- **Machine Learning & AI:** Scikit-Learn, TensorFlow

### **Soft Skills:**

- Analytical thinking, Problem-solving, Communication, Project management

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## CERTIFICATIONS

- **Data Analytics Essentials** | Certificate | 2024
  - **Introduction to Data Science** | Certificate | 2024
  - **Google Data Analytics** | Certificate | 2024
  - **Huawei HCIA AI** | Certificate | 2024
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## PROJECTS

- **Wikipedia Web Scrapping:** <https://github.com/samuel-mati/Wikipedia-Scraping>
- **Data Jobs Scrapping:** <https://github.com/samuel-mati/Data-jobs-Scrapping-Analysis>
- **Excel Dashboard of Bike Renting:** <https://github.com/samuel-mati/Creating-Dashboards-Using-Excel>
- **Data Job Postings Dashboard:** <https://public.tableau.com/app/profile/samuel.mati/viz/JobPostingsDashboard-2021-2023/Dashboard1>
- **Bikes-Renting-Dashboard:** <https://github.com/samuel-mati/Bikes-Renting-Dashboard>
- **Bike-Sales-PowerBI-Dashboard:** <https://github.com/samuel-mati/Bike-Sales-PowerBI-Dashboard>
- **Job-Postings-Dashboard:** <https://github.com/samuel-mati/Job-Postings-Dashboard>