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## DANCAN MBAABU

 +254 746 908 674 | +254 7372 928 05

 [dancanmbaabu1@gmail.com](mailto:dancanmbaabu1@gmail.com)

 P.O. Box 23-60607, Meru, Kenya

 [LinkedIn: Dancan Mbaabu](#)

 <https://dancanmbaabu.vercel.app/>

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### STATEMENT OF PURPOSE

I am a passionate and results-oriented **Computer Science graduate** specializing in **Data Analysis and Computational Engineering**. My academic background and practical experience have equipped me with a solid foundation in **statistical modeling, data manipulation, and programming**, with a strong ability to translate complex data into actionable insights that drive strategic decision-making.

My goal is to contribute meaningfully to an organization that values **data-driven innovation, problem-solving, and continuous learning**. I aim to leverage my analytical, programming, and reporting skills to support evidence-based decisions, process improvement, and organizational growth.

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### EDUCATION

**Taita Taveta University** – Kenya

*Bachelor's Degree in Mathematics and Computer Science (Applied Mathematics )*

2019 – 2024

**Alison University** – Online

*Certificates:*

- Criminology and Justice (2023)
- Data Analytics (2023)

**Tendo Valley College** – Meru, Kenya

*Diploma in Mathematics* – 2019

**Mutewa Primary School** – 2014

*Kenya Certificate of Primary Education*

### PROFESSIONAL EXPERIENCE

**Kenya Revenue Authority (KRA)** – Nairobi, Kenya

*Data Analyst Intern* | Jan 2025 – Present

- Participate in data collection, analysis, and reporting.
- Develop dashboards and summarize trends for decision-making.
- Maintain confidentiality and accuracy in all data-related operations.
- Generate monthly reports and assist in technical evaluations.

**Angaza Computecs Company** – Nairobi, Kenya

*Data Analyst (Support Team)* | Aug 2024 – Dec 2024

- Extracted, cleaned, and analyzed datasets for client projects.
- Created Power BI dashboards and detailed analytical reports.
- Delivered actionable insights and data-driven recommendations.

**Ministry of Labour and Social Protection** – Meru, Kenya

*Data Enumerator* | June 2024 – July 2024

- Collected and validated field data through structured surveys.
- Maintained compliance with data collection standards and schedules.

### **Knight Company** – Nairobi, Kenya

*Technical Writer* | Jan 2024 – May 2024

- Developed and maintained accurate technical documentation.
- Collaborated with engineers to create clear operating procedures and manuals.

### **National Treasury and Economic Planning** – Nairobi, Kenya

*ICT Support Attachee* | Jan 2023 – May 2023

- Configured PCs, installed software, and provided user support.
- Performed system backups, maintenance, and troubleshooting.

### **IEBC (Independent Electoral and Boundaries Commission)** – Meru, Kenya

*Polling ICT Clerk* | Aug 2022 – Sept 2022

- Supported ICT operations during elections and ensured accurate data entry.
- Assisted in real-time results reporting and compliance checks.

### **Mutewa Secondary School** – Meru, Kenya

*Mathematics Teacher (Intern)* | April 2022 – Aug 2022

- Taught mathematics and developed problem-solving skills among students.
- Designed engaging lessons and assessed learner performance.

### **Stevecoms Ltd** – Meru, Kenya

*Computer and Mobile Repair Technician* | May 2022 – Aug 2022

- Repaired and maintained mobile devices and computer systems.
- Installed software, performed virus cleaning, and tested hardware components.

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## **TECHNICAL SKILLS**

- **Programming:** Python (Jupyter Notebook), R, SQL, SPSS
- **Data Visualization:** Power BI, Microsoft Excel
- **Statistical Analysis:** Regression, Correlation, Hypothesis Testing
- **Technical Support:** Computer repair, OS installation, system configuration
- **Web Tools:** HTML, data dashboards, Superset
- **Soft Skills:** Team collaboration, communication, leadership, report writing

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## **HOBBIES & INTERESTS**

- Solving real-world analytical problems
- Web design and coding
- Reading novels, plays, and adventure stories
- Writing poetry
- Playing badminton, table tennis, and woodball

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## **LANGUAGES**

- English (Fluent)
- Kiswahili (Fluent)

## **REFEREES**

**Referees will be provided upon request. Please contact me if verification or further information is required.**

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