

CURRICULUM VITAE

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ABIGAE MORAA MOCHONI,
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PROFESSIONAL PROFILE

Passionate and results-driven data analyst with a strong foundation in statistical analysis and computer science. Experienced in conducting multivariate analyses, bivariate analyses, and modeling proposals. Skilled in data collection using various tools, data management, and developing mobile applications for efficient data gathering. Proficient in statistical programs such as STATA, SPSS, R, and NVIVO. Adept at technical and academic writing, with excellent presentation and communication skills.

EDUCATION

- **TECHNICAL UNIVERSITY OF MOMBASA**
BSc in Statistics and Computer Science
September 2020 – NOW
- **SIGOTI COMPLEX GIRLS HIGH SCHOOL**
Kenya Certificate of Secondary Education (K.C.S.E.)
2014 – 2019
- **SONDU LIFESHINE ACADEMY**
Kenya Certificate of Primary Education (K.C.P.E.)
2004– 2012
- **SHORT COURSE**
 - Certificate in Good Clinical Practice-(September2023)
 - Certificate in STATA,R-Programming, IBM SPSS,
 - Certified in Python, Proposal Writing and NVIVO

PROFESSIONAL EXPERIENCE

Data Analyst

AMREC – [Nairobi] January 2023 – December 2023

- **Multivariate Analysis of Risk Factors for STI (Sexually Transmitted Infections) Cross-Sectional Study**

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- Conducted a comprehensive multivariate analysis to identify and understand the various risk factors associated with sexually transmitted infections in a cross-sectional study.
- **Bivariate and Multivariate Analysis of Risk Factors of Birth Weight**
 - Conducted bivariate and multivariate analyses to investigate the risk factors influencing birth weight, contributing valuable insights to maternal and child health research.
- **Modelling Proposal Title**
 - Developed a proposal for a modeling project, outlining the objectives, methodologies, and expected outcomes. Demonstrated a keen understanding of statistical modeling principles.
- **Transcribed 11 Audios from Kiswahili to English**
 - Transcribed and translated 11 audio recordings from Kiswahili to English, showcasing proficiency in language skills and attention to detail.

Qualitative Data Analyst

Technical University of Mombasa – Mombasa, Kenya **March 2024**

- **Situational Analysis of Sustainable Tourism Practices**
 - Coded 23 transcribed audios on the adoption of sustainable tourism practices.
- **Evaluation of Climate Change Impact on the Tourism Sector**
 - Analyzed transcriptions to evaluate the impact of climate change on the tourism sector.
- **Climate Mitigation and Adaptation Strategies in Kenya**
 - Coded and analyzed data on climate mitigation and adaptation strategies in Kenya.

PROFESSIONAL SKILLS

- Data analysis and modeling
- Data management and developing mobile applications for data collection
- Statistical programs: STATA, SPSS, R, NVIVO
- Technical writing/academic writing
- Presentation skills
- Communication skills
- Socializing skills

ADDITIONAL COMPETENCIES

- Computer Skills: Proficiency in Microsoft Office™ suite

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REFEREES

DR CYRIL WANDERA

CHAIRMAN OF DEPARTMENT, MATHEMATICS AND PHYSICS

Technical University of Mombasa

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Dr. Vincent Were, PhD

Director and Consultant

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Principal Research Investigator -

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NAIROBI KENYA

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Lecturer

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