Madimetja Reginald Maredi

Cell: 060 623 8961

Email: madimetja.maredi@gmail.com

LinkedIn: linkedin.com/in/madimetja-maredi-7409b3241

Professional Profile

I have an honours degree in Mathematical Statistics and I really enjoy working with numbers. I am good at using R, SQL, and Python to look at data and find answers. I also used to be a tutor, so I know how to explain things simply and work well in a team.

Technical Skills

- **Analysis & Coding:** R, SQL, Python, MATLAB, C#.

- **Data Science:** Bayesian Analysis, Multivariate Analysis, Stochastic Processes, Big Data.

- **Tools:** Microsoft Excel (Advanced), Office Suite.

- **Key Competencies:** Data Cleaning, Statistical Inference, Algorithm Development, Object-Oriented Design.

Education

BSc Hons in Mathematical Statistics | University of the Free State (UFS) (2025-2025)

- **Focus:** Advanced statistical methods and handling large-scale data.

- **Key Modules:** Big Data, Bayesian Analysis, Stochastic Processes, Multivariate Analysis.

BSc in Mathematics and Statistics | Nelson Mandela University (NMU) (2022-2024)

- **Key Modules:** Advanced Data Analytics, Advanced Statistical Inference, Data Structures & Algorithms.

Relevant Experience

Statistics III (STSA3716) Teaching Assistant

University of the Free State | Mar 2025 – June 2025

- **Data Accuracy:** Responsible for grading assignments with strict attention to detail, ensuring assessment data is recorded accurately and fairly for third-year students.

- **Communication:** Facilitate tutorials and provide written feedback to help students understand complex statistical concepts, bridging the gap between technical theory and practical application.

Mathematics for Engineers Lecturing Assistant

Nelson Mandela University | Feb 2024 – June 2024

- **Leadership & Mentoring:** Supported a cohort of over 100 students, acting as the primary point of contact for academic support and troubleshooting.

- **Consultation:** Conducted one-on-one sessions to diagnose learning gaps and provide tailored solutions to improve student performance.

- **Analysis:** Evaluated student output to identify common error patterns and provided feedback to the lecturer to adjust teaching strategies.

Volunteering & Community Impact

- **Community Tutor (Kgagatlou, Thagaetala, Dikobe Molaba Schools):** Dedicated time to tutoring high school Mathematics and Physical Sciences, helping learners improve their grasp of core STEM subjects.

- **Community Mentor (Lenkwane La Mamphiri Orphanage):** Organised recreational activities and provided mentorship to children, fostering a supportive environment outside of academic work.

- **Motivational Speaking:** Delivered talks at local schools to encourage students to pursue academic excellence despite challenges.