

SBUSISO MDINGI

Actuarial & Data Analyst



About Me

Analytical professional with strong actuarial foundations and hands on experience building data driven tools. I specialise in transforming raw data into statistical models, automated workflows, and interactive dashboards that support clear decision-making. My work integrates rigorous quantitative methods with practical execution, enabling clients and stakeholders to solve problems with clarity and confidence.

Contact

+27 (84) 222-0684

sbusiso@mdingi.co.za

www.mdingi.co.za

Krugersdorp, Gauteng, 1754,

Education

University Of Free State

BSc. Actuarial Science

2022-2025

EPT Aviation

Cabin Crew Member Training

2021-2021

Townview High School

National Senior Certificate

2016-2021

Experience

Freelance Data Analyst

Self Employed

2023 – 2024

- Automated business reporting processes using Excel, VBA, and R, reducing manual reporting time by 50–70%.
- Developed statistical models to support business decisions for small organisations.
- Built interactive dashboards with 10+ visual components to enhance visibility into financial and operational performance.

Student Assistant

University of Free State

2023 – 2023

- Assisted in delivering Computer Literacy practical sessions for 50+ undergraduate students.
- Guided learners through Excel, Word, and PowerPoint tasks to support academic requirements and applied problem solving.
- Provided troubleshooting support for system issues and software related queries during 3-6 hour lab sessions.

Projects

Portfolio Optimisation & Risk Analytics Dashboard

(Quantitative Finance · Risk Management · R Shiny · Yahoo API)

Developed an interactive platform to analyse and optimise JSE equity portfolios across 8 assets, with flexibility to incorporate additional instruments.

Health Insurance Premium Pricing Model

(Actuarial Pricing · Statistics · R Shiny · GLMs)

Created an interactive actuarial pricing tool that calculates premiums using statistical risk models built on 6 key risk factors and configurable loadings.

Skills

Professional:

- Project planning & execution
- Stakeholder communication
- Client focused problem solving
- Data storytelling & visualization

Technical :

- Data Analysis:** Data cleaning, validation, transformation
- Statistical Modelling:** Regression, forecasting
- Programming:** R, Python, VBA