GABRIEL MATARISE

Lusaka, Zambia   +260975230121   gabrielmatarise@gmail.com

PROFESSIONAL SUMMARY

Analytical and detail-oriented Biomedical Scientist and Research Professional with a dual academic background in Biomedical Sciences and Computer Applications, combining expertise in biological research with advanced data analysis and visualization skills. Experienced in conducting statistical analysis using SPSS, Excel, Python, and JASP, and guiding research projects from design through to data interpretation. Skilled at working with interdisciplinary teams and contributing to the advancement of evidence-based medical science.

KEY SKILLS

- Biomedical Research & Laboratory Techniques
- Proficient in Data Analysis (SPSS, Excel, Python, JASP, SQL)
- Research Methodology & Scientific Writing
- Experimental Design & Hypothesis Testing
- Biostatistics & Epidemiology
- Clinical Research Support
- Literature Review & Data Interpretation
- Curriculum Development & Technical Training
- Proficient in Visualization Tools (Excel Dashboards, Python Matplotlib, Seaborn)

EMPLOYMENT HISTORY

January 2025 – Current

Founder & Research/Data Analysis Trainer
Matarise Analytics

Responsibilities:

- Designed and delivered training workshops on statistical analysis and data handling for biomedical and social science researchers.
- Guided students and professionals through the research process, from hypothesis formulation to data analysis and report writing.
- Delivered individual and group tutorials on SPSS, Excel, Python, and basic statistics for academic research.
- Developed learning resources and assessments tailored to health science research and evidence-based practice.
- Consulted on the design and analysis of health-related studies and biomedical research projects.

Key Achievements:

- Supported over 100 clients, including public health students, medical researchers, and graduate thesis writers.
- Created a five-module biostatistics course used as a supplementary resource by university students.
- Contributed to successful completion of 20+ academic research projects with data analysis support and interpretation.

Biomedical Data Analyst - Remote
Livingstone Research

Responsibilities:

- Analysed biomedical research data using SPSS, Python, and Excel for academic theses and reports.
- Conducted descriptive and inferential statistical tests (t-tests, ANOVA, chi-square, regression, etc.).
- Interpreted statistical output in the context of medical and scientific literature.
- Supported the development of research proposals and final reports by contributing to methodology and results sections.
- Maintained quality control across datasets, ensuring reproducibility and data integrity.

Key Achievements:

- Delivered over 50 high-quality data analysis reports, aiding clients in achieving publication or academic distinction.
- Improved research outcomes for biomedical and health science students through personalized statistical support.
- Built automated tools in Excel and Python for consistent analysis and visualization.

PROFESSIONAL QUALIFICATIONS

2024

Bachelor of Science in Biomedical Sciences
Copperbelt University

2024

Bachelor of Computer Applications
Sastra Deemed University

2017

School Certificate – Grade 12
Chibombo Secondary School

CERTIFICATIONS

- **Understanding Clinical Research: Behind the Statistics** – University of Cape Town (Coursera)
- **Data Analysis with Python** – AQSkill
- **Conflict Resolution Skills** – University of California, Irvine (Coursera)
- **Aspire Leaders Program** – Aspire Institute
- **Young African Leadership Initiative (YALI-RLC-SA)**

REFEREES

Available upon request