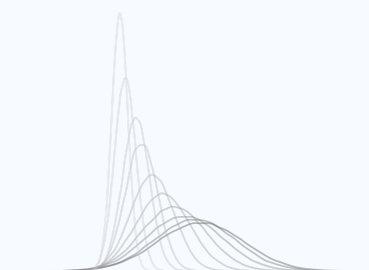# BONGANI NCUBE

Statistician/Data Scientist

A well-rounded data professional enthusiastic about developing statistical models, from early models and evidence synthesis through to final model submissions.

My undergraduate degree program provided a mature and holistic understanding of statistical learning. An eye for detail coupled with deep intrigue for statistics and data science spurred on the development of skills.

Thus, has deep data analytics skills with high statistical programming proficiency. Experience in varied backgrounds, with a enthusiasm for continuous learning, provides a uniquely diverse skill set.

🎓 EDUCATION

2019 | 2023

University of Zimbabwe

Bsc, Statistics (class-pending)

📍 Harare, Zimbabwe

Thesis title: Using Survival analysis to model risk factors of neonatal mortality : A comparative study between Proportional hazards and Accelerated failure time models

- Research centred on the exploration of a survival analysis models for modeling risk factors of neonatal mortality as well as the development of a selection framework for choosing appropriate factors assosciated with neonatal mortality at Mpilo Hospital. See code repo here

2017-2018

Rimuka 2 High School

Advanced Level

📍 Kadoma, Zimbabwe

- Additional Mathematics(B),Pure Mathematics(A),Chemistry(C),Physics(E)

2012 | 2016

Rimuka 3 High School

Ordinary Level

📍 Kadoma, Zimbabwe

- 10 O-level Subjects including Mathematics,English and Intergrated Science

🌲 SKILLS AND ATTRIBUTES

Congnitive Skills

Personal skills

📍 Attributes

- Curiosity in problem solving
- Creativity in Problem solving
- Ability to find new opportunities
- Initiative taking and can-do attitude
- Adaptability and continous learning
- Ability of working within a team but enjoying high degree of autonomy

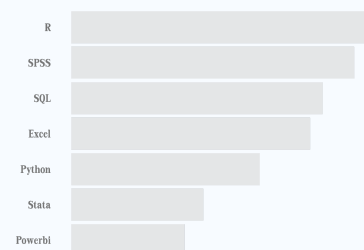## CONTACT

- ✉ Email
- ⧉ Github Profile
- in LinkedIn Profile
- 👤 Personal Website
- 📞 + 263 77 497 9514
- 🏠 Harare, Zimbabwe

DATA ANALYTICS TOOLS

R	
SPSS	
SQL	
Excel	
Python	
Stata	
Powerbi	

REFERENCES

References made available upon request

This CV was created using the R package pagedown

View project code here

Last updated on 2023-08-21

Data Analytics

Programming Skills

 Data Science

- R, Rstudio, Jupyter Notebooks,VScode ,Python
- Functional Programming
- Data mining and wrangling,Tidyverse, pandas, data.table
- Dataviz ,ggplot2, matplotlib, seaborn
- Machine Learning ,Tidymodels,Caret
- Dynamic Reporting ,Knitr,Rmarkdown,kableExtra
- Time series and forecasting ,Prophet,modeltime,rugarch
- Statistical Modeling ,Survivals models,GAMs,GLMs

💼 SELECTED EXPERIENCE

Freelance Data Consultant

Harare, Zimbabwe

 Dec 2022 - Present

- Analyzing data for students in the faculty of medicine doing projects
- developed trends and other data analytic insights for small to large Co-operates
- developed machine learning and statistical models for students doing research projects in the department of mathematics and computational sciences at the university of Zimbabwe.
- Conducted R trainings for students wanting to learn statistical modeling,Data visualisation and Data Manipulation
- Trained students on R packages such as Tidyverse and Tidymodels
- Promoting reproducible workflows using Rmarkdown and

Feb 2022
|
Dec 2022

Data Analyst

Martdat Analytics inc.

 South Africa

- Conceptualised and implemented statistical models
- Identified, extracted and synthesised data to support model development
- Contributed to high-quality project deliverables including reports, statistical analysis and presentations

Feb 2019
|
Aug 2019

Till Operator

Simrac Interprises

 Kadoma, Zimbabwe

- Packing and wrapping purchases
- Processing store loyalty cards,coupons and vouchers
- Taking payments and making sure the till balances at the end of the day

✸ SELECTED CERTIFICATES

2022 ● **Bayesian Data Analysis in R**
Short course
📍 Datacamp.com , Online

A course focused on doing bayesian Statistics and modeling data using bayesian Statistical models

[View certificate](#)

2022 ● **Machine Learning Scientist With an R track**
Short course
📍 Datacamp.com , Online

In partnership with Data Science Zimbaabwe . The course explored machine learning concepts in R such as supervised and unsupervised learning methods in R.

[View certificate](#)

2023 ● **Data Scientist Associate**
Certification
📍 Datacamp.com , Online

[View certificate](#)

🏆 SELECTED AWARDS

2018 ● **Best student in A level Pure mathematics**
Sanyati District (A-level)
📍 Kadoma, Zimbabwe

Awarded by Better Schools Program Zimbabwe

2016 ● **Best student in O level mathematics**
Mhondoro District (O-level)
📍 Kadoma, Zimbabwe

Awarded by Better Schools Program Zimbabwe