Siphiwe Bogatsu

DATA ANALYST

s.bogatsu18@hotmail.com

siphiwebogatsu.github.io

Data Analyst Summary

- Data Analyst with 2 years' experience in handling over 80 000 data points to conduct statistical analysis and build models that create impactful insights using R and Python.

- Collaborated with a partner to develop and train a neural network model from scratch using R, resulting in an 80% increase in efficiency for the species classification process at the wildlife rehabilitation centre.

- Pioneered with a team of 5 to create an enabling product for UCT GSB Solution Space using design thinking principles, to improve a township ecosystem for high-impact early-stage startups.

- Attained 73% for Statistical Modelling & Machine Learning course.

Work History

Intern   **January 2022 - February 2022**
Red Cap Energy

- Analyzed and visualized spatial data for wind energy project to optimize suitable locations around South Africa to place 38 wind turbines to generate over 1.5 MW of power.

- Actively contributed to the development of wind and solar renewable energy projects with a focus on the intricate process of preparing bids for licensing and power purchase agreements (PPAs) with ESKOM.

Tutor   **July 2022 - Present**
University Of Cape Town

- Managed a caseload of 35 students, ensuring that each student received the necessary assistance to succeed in macroeconomics, as evidenced by a 100% success rate in student passing grade.

Sub Warden   **January 2021 - December 2022**
University Of Cape Town

- Collaborated with residence management team to develop and implement a comprehensive crisis management plan, resulting in a 50% reduction in response time during emergency situations.

- Chaired Transformation & Culture Committee to organize and host monthly cultural events that attracted an average of 200 attendees per event, fostering a more inclusive and diverse community.

- Attained **Exemplary Leadership Award** (2021).

Front Desk Assistant   **January 2020 - December 2020**
University Of Cape Town

- Created Excel spreadsheets to track and manage student information which resulted in a more efficient data entry process that saved the residence operations by 4 hours per week.

Education

MPhil in Financial Technology   January 2024 - Present
University of Cape Town

BSc Hons Statistical Sciences   January 2023 - December 2023
University of Cape Town

- Theses paper: "Handling spatial sampling bias in presence-only data via log-Gaussian point process models."

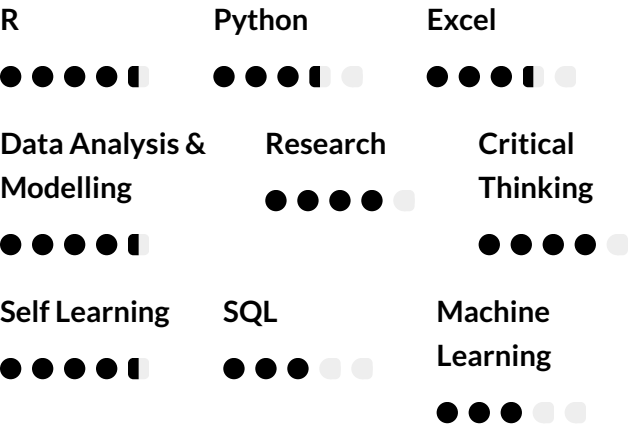**BSocSci in Applied Statistics, Economics and Environmental Sciences**   January 2019 - December 2022
University of Cape Town

- Recognized for academic excellence through **Dean's Merit List** (2019).
- Attained 70% in Critical Thinking course provided by the Philosophy Department.

Skills

R
●●●●◐

Python
●●●◐○

Excel
●●●◐○

Data Analysis & Modelling
●●●●◐

Research
●●●●○

Critical Thinking
●●●●○

Self Learning
●●●●◐

SQL
●●●○○

Machine Learning
●●●○○

Interests

An overland safari tour around Africa is top of my bucket list (**Lake Ngozi, Tanzania**).

Reading (Shoe Dog, Happy Cities, AI Economy, **Manage Your Money Like A F*cking Grownup**)

Hiking and then a glass of Devil's Peak beer with friends (-**Silvermine Nature Reserve)**

Learning all 2000 African languages. At 6 at the moment.

Certifications

- Data Analysis with Python by *freecodecamp.org*
- Foundations in Design Thinking by *Hasso Plattner d_school Afrika.*