

# Tsepo Matheleli

## Data Scientist

Motivated and curious critical thinker who always wants to produce the best results using data science methods.



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## WORK EXPERIENCE

### Data Science Intern 2U

02/2022 - Present

#### Achievements/Tasks

- Collaborated with fellow interns and senior project lead to analyse the propensity to repeat and short courses influence on the rate of repeat of 2U students through statistical methods. Further presented findings to relevant stakeholders for whom the work was done for.
- Collaborated with fellow interns on sentiment analysis for review responses by 2U students using the NLTK package. Furthermore, isolated the reviews to better understand and give feedback on the reviews related to media, and presented the solution to the relevant stakeholder.
- Build dashboard for the marketing team using Tableau, with key achievements being ease of use in understanding granular characteristics of the data and illuminated key performance indicators, while upholding the relevant dashboard standards set for the company.
- Collaborated with fellow interns on data wrangling project for the Facebook conversions API. Worked with raw data from GetSmarter site to analyse user interaction, and create a script for pushing clean data back to the conversions API to improve Facebook's machine learning models for better advertisements.

### Data Science Recruit Umuzi

05/2021 - 02/2022

#### Achievements/Tasks

- Learned and actively used Github for version control of all projects done.
- Developed python scripts for various projects such as ID number validation, API manipulation to mention a few. Also worked on Test Driven Development type scripts.
- Developed machine learning projects using algorithms such as Linear and Logistic Regression in model predictions.
- Designed dashboard using the python plotly library.

## EDUCATION

### Information Technology Systems Development Umuzi

05/2021 - 04/2022

### Matric Brebner High School

01/2007 - 12/2011

## SKILLS

Github

Python

Tableau

SQL

Machine Learning

Descriptive Statistics

Linux Bash

## LANGUAGES

English

Full Professional Proficiency

Sesotho

Full Professional Proficiency

## INTERESTS

Programming using flutter

Web Scraping Script Development

Watching technology trends videos