MICHAEL BOGALE

[Portfolio Website](https://workingbetter.github.io/)

PROFESSIONAL OBJECTIVE

Objective: To secure a challenging position as a Data Scientist AI, I am a recent Master of Science graduate in Artificial Intelligence (with distinction), equipped with a strong foundation in data science and programming. Proficient in Python, R, Machine Learning, Deep learning, NLP, and SQL, I am eager to leverage my expertise in real world problem solving through innovative and data driven solutions. My goal is to contribute to the growth of my skills and the company.

EDUCATION

University of Stirling (UK)
- MSc in Artificial Intelligence (with distinction)
    - (September 2022 - November 2023)
- Relevant Courses: Statistics for Data Science, Manipulating data, Machine Learning, Deep Learning for Computer Vision and NLP, Stochastic Processes and Optimisation.

Masterschool (Online)
- Boot Camp in Data Analytics
    - (January 2023 to present)
- Relevant Courses: Business Analytics using SQL, Data Storytelling.

RELEVANT PROJECTS

- ❖ Dissertation: Predicting the impact of road conditions on Electric Vehicles using AI algorithms.
    - ➢ Leveraged extensive datasets sourced from Kaggle, encompassing sensor data from electric vehicles.
    - ➢ Used Genetic algorithm from DEAP library for optimisation
    - ➢ Used Keras library for machine learning
    - ➢ Google API to get routes and real time road conditions
- ❖ Deep learning model for satellite image classification of cars and trees
    - ➢ Created dataset containing 2,400 manually labeled images from google earth
    - ➢ Data augmentation
    - ➢ Testing best CNN architectures based on their past performance on image classification tasks.
- ❖ Natural Language Processing on 1176 books from project gutenberg
    - ➢ Data cleaning and metadata extraction of the books
    - ➢ Sentiment analysis is done on selected books
    - ➢ Exploratory and descriptive data analysis

CONTACT:
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- **GitHub:** https://github.com/workingbetter

SKILLS:
- ❖ Python
- ❖ Machine learning
- ❖ Deep Learning
- ❖ NLP
- ❖ GITHUB
- ❖ SQL
- ❖ R
- ❖ Statistical Analysis
- ❖ Excel and Spreadsheets
- ❖ Data Analysis and preprocessing
- ❖ Teamwork and collaboration

CERTIFICATIONS:
- ❖ *Coursera*: Introduction to Generative AI
- ❖ *Sololearn*: Python for Data Science
- ❖ *Sololearn*: Machine Learning
- ❖ *Sololearn*: Python Developer
- ❖ *Datacamp*: Python
- ❖ *Datacamp*: SQL
- ❖ *Datacamp*: Data Analysis in Spreadsheets
- ❖ *Udemy*: MS Excel for Data Analysis

LANGUAGE
- *English*: Fluent