

# MICHAEL BOGALE

## Junior AI, DATA SCIENTIST

### 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 seeking opportunities to apply my knowledge 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)
  - (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 gutenber
  - 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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- **Portfolio:**  
<https://workingbetter.github.io/>
- **Linkidin:**  
<https://www.linkedin.com/in/michael-bogale-710596253>
- **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