



Text Detection

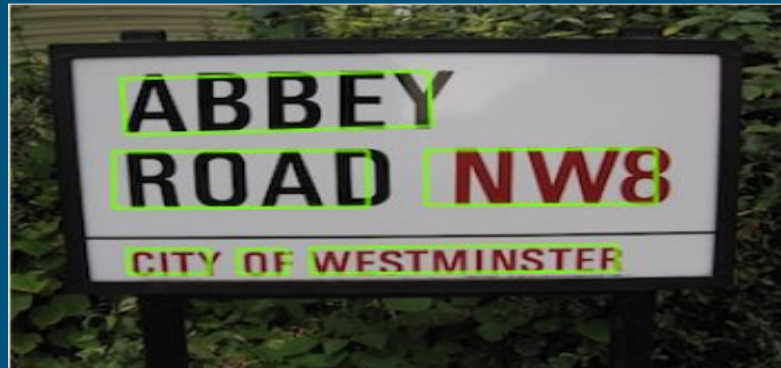


Bala, Asish, Ganesh, Hrishikesh,
Danish



Abstract

Detecting the presence of text within a given image and isolating the region containing the text enclosed in a bounding box



Requirements

Python Libraries

1. Numpy
2. Scipy
3. Scikit-learn
4. TensorFlow
5. PyTorch
6. Pandas
7. OpenCv
8. Matplotlib

Requirements

Editors

1. Sublime Text Editor
2. Jupyter Notebook

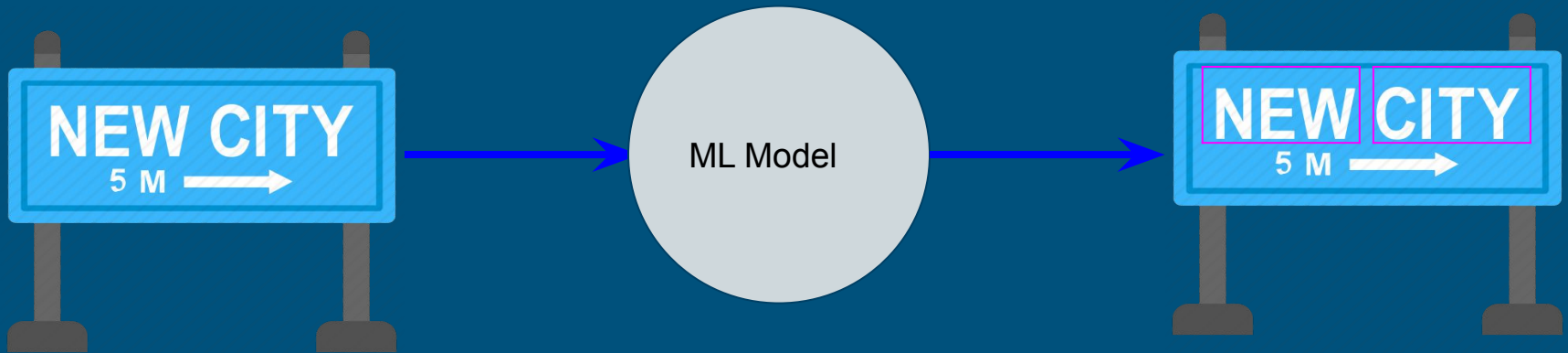
Datasets

- Dataset Containing images with text area highlighted

Roles

Name	Role
Bala	Team Leader and Integration task
Danish	Web Designer
Ganesh	Machine learning engineer
Hrishikesh	Flask Developer
Asish	Dataset collector

Working

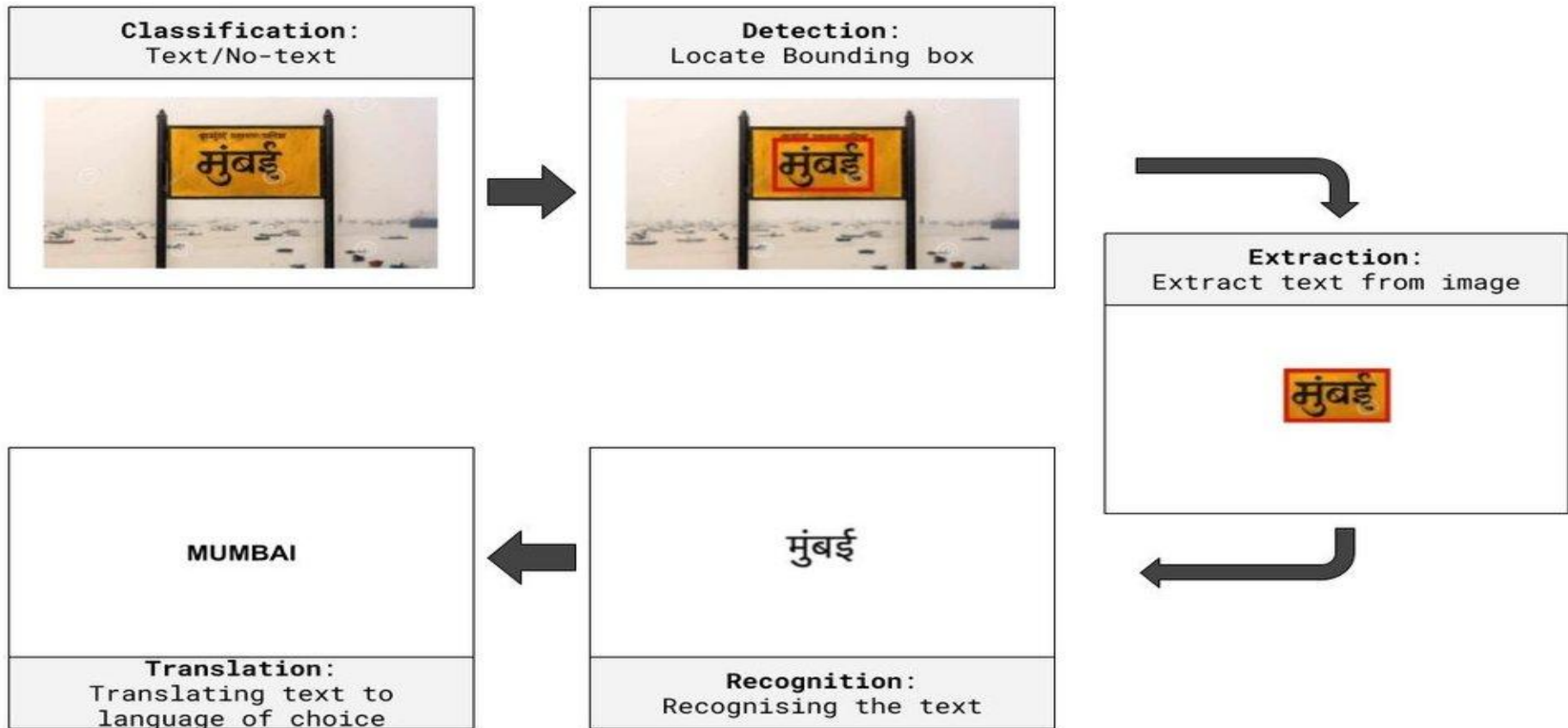


Use cases

Optical Character Recognition



Sign Board Translation



CODE

https://github.com/durgabalareddy/Text_Detection



Thank You



BATCH 14

Guide : - K Bhargav, Assistant Professor

