### LICENSE PLATE RECOGNITION

# DIGITAL IMAGES PROSESSING

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Introduction

Methodology

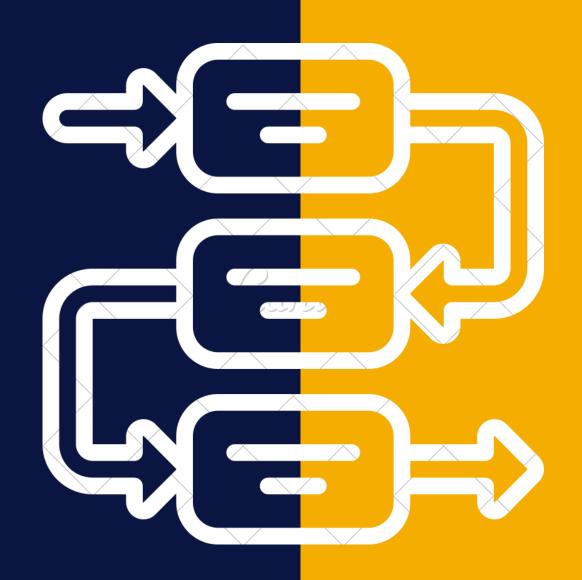


Results

### **Problem Definition**

Car plates have recently been used for traffic control, border control, access-control, calculation of parking time and payment, search for stolen cars or unpaid fees, and the requirement for reliable identification at different lighting conditions, presence of random or structured noise in the plate, and nationality specific features, concerning plate's size and type of characters order to detect car plates, and so we have worked on an image processing algorithm that detects car plate characters as a reliable tool for plate detection.





\* Methodology



From Keggle

#### **Plates Dataset**

Total 1080 images

864 testing images – 36 classes

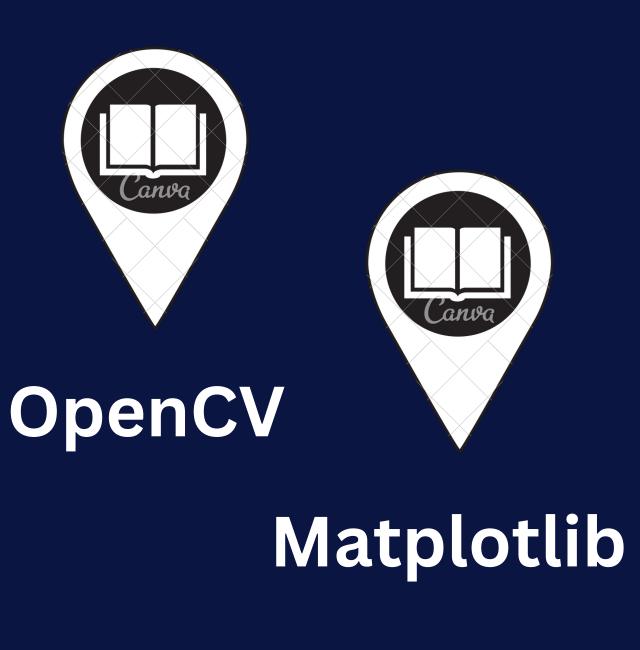
216 validation image – 36 classes

#### **Plates Dataset**

433 car plate images to test on



## Libraries









Pytesseract

TensorFlow

