

License Plate:

- For this solution am assuming that the license plate has already been detected and extracted from the car image using some object detection model such as yolo, ssd ,faster rcnn etc.
- From the licence plate to segment characters, I have used some basic computer vision algorithms such as threshold, morphological operations to find characters.
- After I have segmented character, I trained a cnn classifier model with 36 classes(0-9, A-Z) to classify the segments.I have used model from this github repo (<https://github.com/lazyoracle/OCR>)
- I have trained only for 10 epochs due to time constraint.We can further improve the model by training on more no of classes and bigger epocs.