Number Plate Recognition

**8th July, 2019**

# OVERVIEW

The project titled Number Plate Recognition is a software for detecting a number plate from an image, recognizes the characters in the image and saves the characters in a csv file. The project **“Number Plate Recognition”** is developed using Python and TensorFlow Machine Learning Library.

The project uses TensorFlow’s object detection api to detect the number plate from an image, segment the characters, predict the characters in the number plate using a machine learning model and save the numbers in the number plate in a csv file with date and time.

# GOALS

1. To detect the number plate from the given image using TensorFlow’s object detection API.
2. Segment the characters from the number plate and then detect the letters, numbers in the number plate and store it in a CSV file with date and time.

# SPECIFICATIONS

Front End : Python with TensorFlow

Back End : Excel

Status : Completed

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