NUMBER PLATE DETECTION

DEVELOPED BY :

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TECHNOLOGIES USED :

1. Python
2. OpenCV
3. EASY OCR

DESCRIPTION ABOUT THE PROJECT :

My project is about detecting the number plates of cars and imposing challan for violation of traffic rules . For this detection of number plate first :

🡪 Images of the vehicle has to be taken.

🡪 These images are processed so as to target only number plate

of the car.

🡪 Finally the number plate is detected

🡪 Now there are few number plates in the dataframe that I created.

🡪 Now the number plate we acquired from the model are checked against

the values of this dataframe .

🡪 If the number we acquired matches with anyone in our dataframe then

the entire row is displayed in a window developed using tkinter.

🡪 Else by default we assume that car is not registered and we will display

as cease the car.

USE CASE :

1. By the traffic & police department to cease the unregistered cars roaming on roads and

reducing the crime rate happening by these unregistered cars.

1. For traffic police department to impose fine on those irresponsible citizens violating

the traffic rules

THANK YOU