**Objective of the project:**

The primary goal of this project is to develop functional code that can detect number plates from images of vehicles and display text on number plate.

**Description of the Project:**

In this project, my objective is to detect and display text of number plates from images of Indian vehicles using computer vision and image processing techniques. I utilized a dataset of Indian vehicle images sourced from Kaggle. To achieve number plate detection, I employed filters for noise reduction and edge detection, and apply masks to the images to pinpoint the number plate's location. A key benefit of this number plate recognition program is that it can accurately process a single image of a vehicle.

**Novelty of the project (if any):**

Using Edge detection

**Project Outcome:**







