**Vehicle detection in a Video frame**

The objective of the program given is to detect object of interest (Car) in video frames and to keep tracking the same object. This is an example of how to detect vehicles in Python. The objective of such a system is to detect the vehicle's coordinates and focus on that particular vehicle in the video.

**Vehicle detection system** :- A vehicle detection system is an application of an object detection system in which the primary focus is on tracking the vehicle using its coordinates in the images or videos. This system can be implemented using various tools, and in the following section, we will implement a project using the OpenCV library.

**Why Vehicle Detection?**

* The startling losses both in human lives and finance caused by vehicle accidents.
* Detecting vehicles in images acquired from a moving platform is a challenging problem.