

Objective

The objective of this assignment is to provide hands on experience of Computer Vision -> OpenCV -> Vehicle counting and classification

Submission Instructions

- This is an individual and viva based assignment
- The document/python code shall be submitted at Google-Classroom
- Submission deadline is **June 15, 2020**
- Plagiarism is **strictly** forbidden

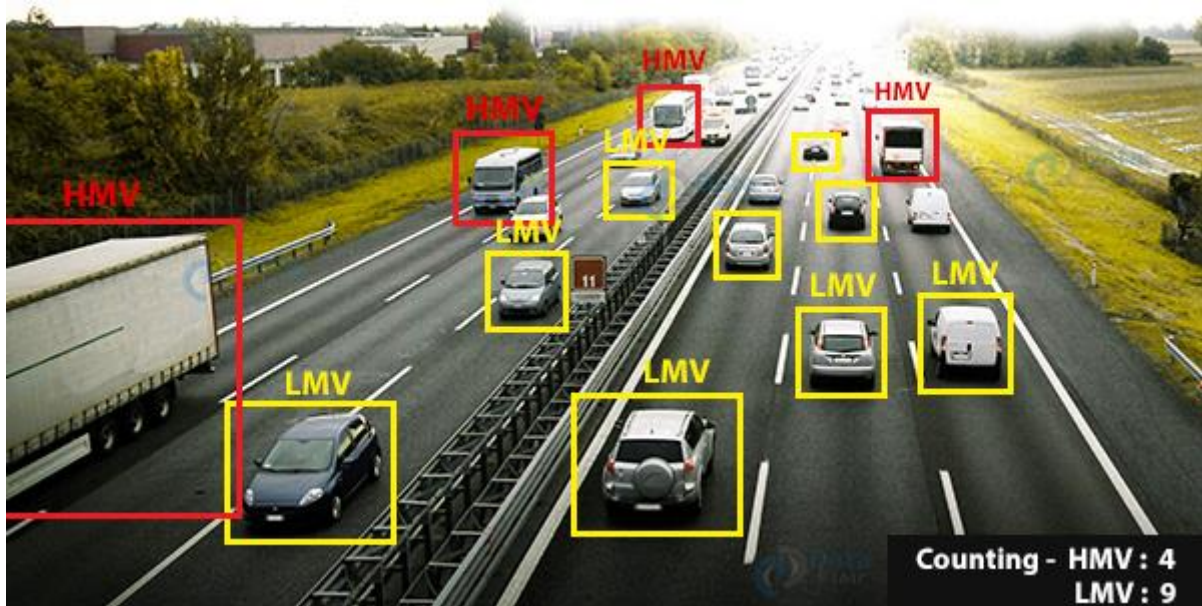
Tasks:

Task 1: Vehicle Counting and classification using OpenCV

We can use the computer vision techniques to classify vehicles on the road, **HMV (heavy motor vehicle)** or **LMV (light motor vehicle)** and also count the number of vehicles that travel through a road. The data can be stored to analyze the different vehicles that travel from a road.

You are assigned this task to implement using Python and OpneCV library.

As a sample output – see the following picture.



Best of Luck