Vehicle Counting

Model

Model used is Yolov3.I have used this model before and it have given me a good accuracy. I have used pre trained model since withing 2 days enough data can’t be gathered.

You only look once, or YOLO, is one of the faster object detection algorithms out there. Though it is no longer the most accurate object detection algorithm, it is a very good choice when you need real-time detection, without loss of too much accuracy.

Other Model that can be used in real time is Yolov5.

Yolo is one of the best methods to detect object Realtime. Other model just as faster-rcnn gives good accuracy but not too good with FPS.

Yolov5 can be a upgrade to my current model.

Output

Video output will be on Output Folder on Github