**Instruction for running the program**

**Required tools:**

1. Install python 3.9 or later.
2. Install numpy 1.26.0 or later, opencv 4.9.0 or later, torch 2.1.0 or later, mpmath 1.3.0 or later library.
3. An IDE for run program like vscode, jupyter Notebook or colab, anaconda spyder etc.
4. Need high GPU if you want to training yolo model with this datasets.
5. If you want to test on a new video then you have to update code in speed\_estimation.py line no.91 with your new video link and line no. 101 where you want to save the video after tested.
6. If you want to load a new trained model then you have to update speed\_estimation.py file line no.50 with current model path.
7. Then after running the code it’ll show the test results on the file you give link to line 50.