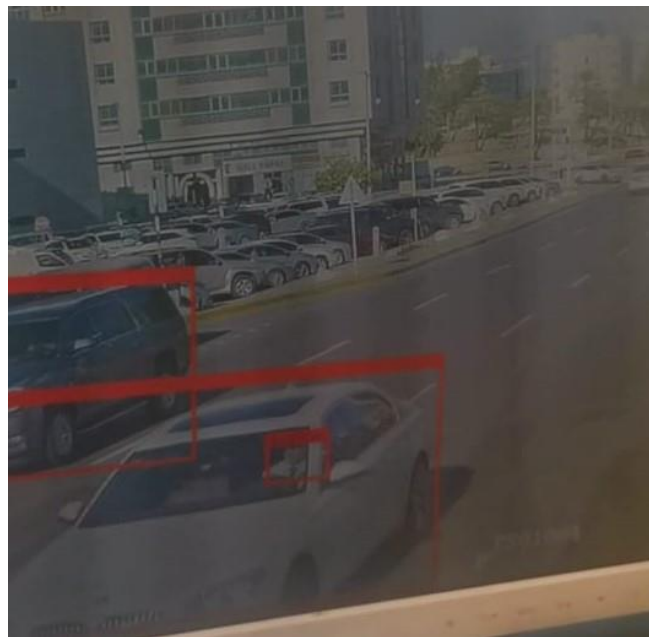- If there is a person on the zebra crossing there should be no vehicle passing over the crossing till the person left the crossing.

- At the free right vehicle should be stopped before the stop line.

- To avoid debatable violations reduce the size of the violation area (Can ignore 2 upto feets from both the ends of the zebra crossing).This will also ignore the person waiting at zebra crossing and avoids creating false violation.

- YOLO can detect objects even in the video streaming run at lowest pixels. This is the reason it detects person in the vehicle and create false violations. The YOLO should be trained with the images so that it does not create false violations because of the the person inside the vehicle. Refer image below:

- Vehicle already at the crossing before a person invades the crossing does not create a violation.

- At free right vehicle stopped over the crossing and waiting for the road to clear and pedestrian invades at that moment can create a violation to the vehicle (Pedestrian crossing should be left vacant).

- YOLO detects objects and creates boxes. The boxes sometimes overlap on the detection area creating false violation. Trials should be run until the variables of the boxes are correctly set to avoid false violation.