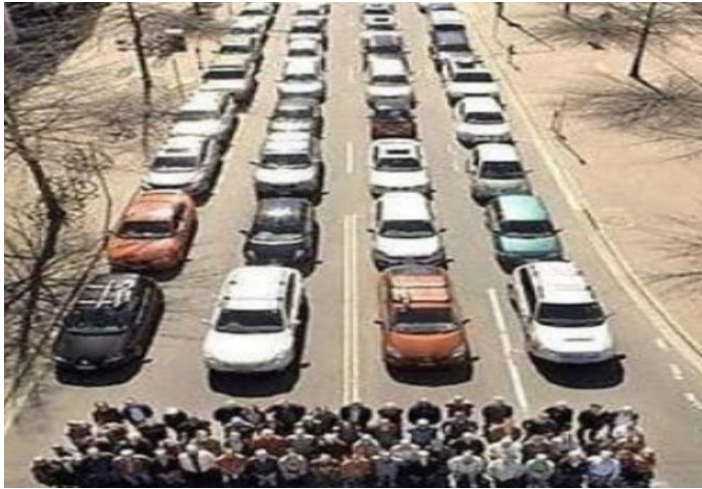


COMPARISONS OF FASTER R-CNN, MOBILE NET, YOLO



LATENCY:

1. Faster R-CNN: 30 sec
2. Mobile Net: not detected
3. YOLO: 6 sec



LATENCY:

1. Faster R-CNN: 12 sec
2. Mobile Net: 18 sec
3. YOLO: 5 sec



LATENCY:

- Faster R-CNN: 11 sec**
- Mobile net: 5 sec**
- YOLO: 10 sec**



LATENCY:

- Faster R-CNN: 12 sec**
- Mobile net: 25 sec**
- YOLO: 6 sec**

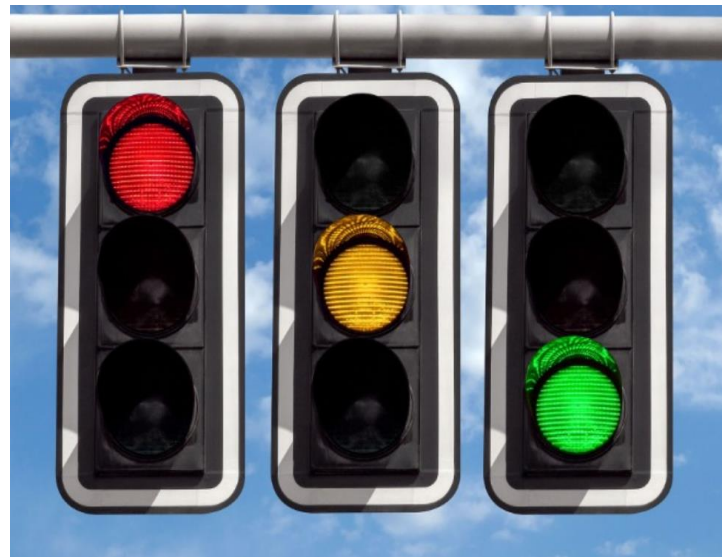


LATENCY:

Faster R-CNN: 10 sec

Mobile net: 12 sec

YOLO: 5.67 sec



LATENCY:

Faster R-CNN: 14 sec

Mobile net: 4 sec

YOLO: 6 sec



LATENCY:

Faster R-CNN: 9 sec

Mobile net: 13 sec

YOLO: 5.65 sec



LATENCY:

Faster R-CNN: 11 sec

Mobile net: 24 sec

YOLO: 5.3 sec



LATENCY:

Faster R-CNN: 10 sec

Mobile net: 11 sec

YOLO: 6.67 sec



LATENCY:

Faster R-CNN: not detected

Mobile net: not detected

YOLO: 4.53 sec

Results after comparison:

- Faster R-CNN is detecting the objects accurately but there high latency.
- YOLO having less latency, not detecting the objects accurately
- Mobile net, in-spite having high latency, the objects in the images are detecting late after forming boxes.

Images after detection:

1) Faster R-CNN:



2) Mobile net:



3) YOLO:

