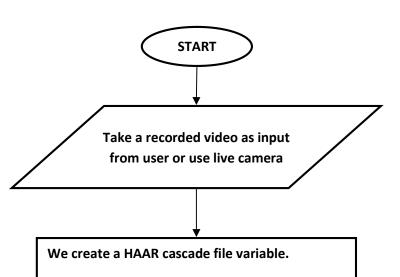


- 1. We create a HAAR cascade file variable.
- 2. Each frame in video is converted to gray image
- 3. For all frames in video, detection of desired object is done and box is drawn around it.
- 1. We can use different cascade files to detect different vehicles.
- 2. Each vehicle has its own coloured border.

OR

- 3. We use image processing tools to blur and smoothen image, then convert it into threshold and identify them as blobs of different sizes. Then showing different vehicles as different colour code.
- 1. We create an imaginary area.
- 2. If vehicle enters that area, it is detected and classified, and after crossing the area its count is increased.
- 3. After complete video is detected, the final count of all vehicles is updated on database.
- 1. Queries are run in database to see which vehicle affects the traffic most at any given time.
- 2. Counter measures to reduce traffic are formed and discussed upon.



Each frame in video is converted to gray image

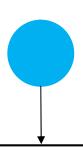
For all frames in video, detection of desired object is done and box is drawn around it.

We can use different cascade files to detect different vehicles.

Each vehicle has its own coloured border.

OR

We use image processing tools to blur and smoothen image, then convert it into threshold and identify them as blobs of different sizes. Then display different vehicles as different colour code.



We create an imaginary area.

If vehicle enters that area, it is detected and classified, and after crossing the area its count is increased.

After complete video is detected, the final count of all vehicles is updated on database.

Queries are run in database to see which vehicle affects the traffic most at any given time.

Counter measures to reduce traffic are formed and discussed upon.

