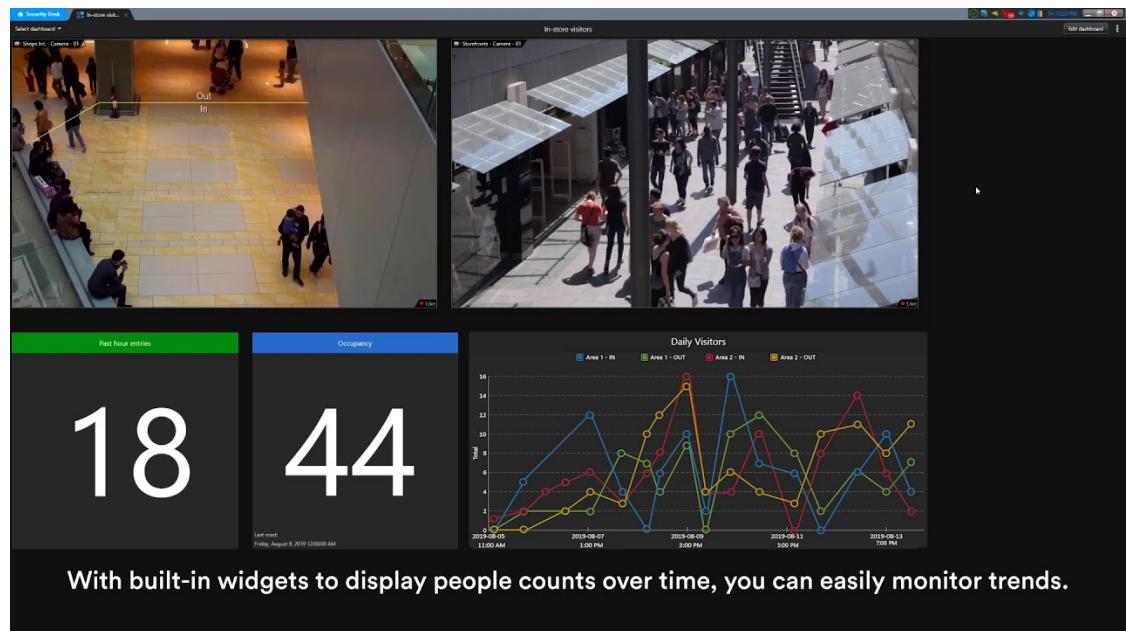


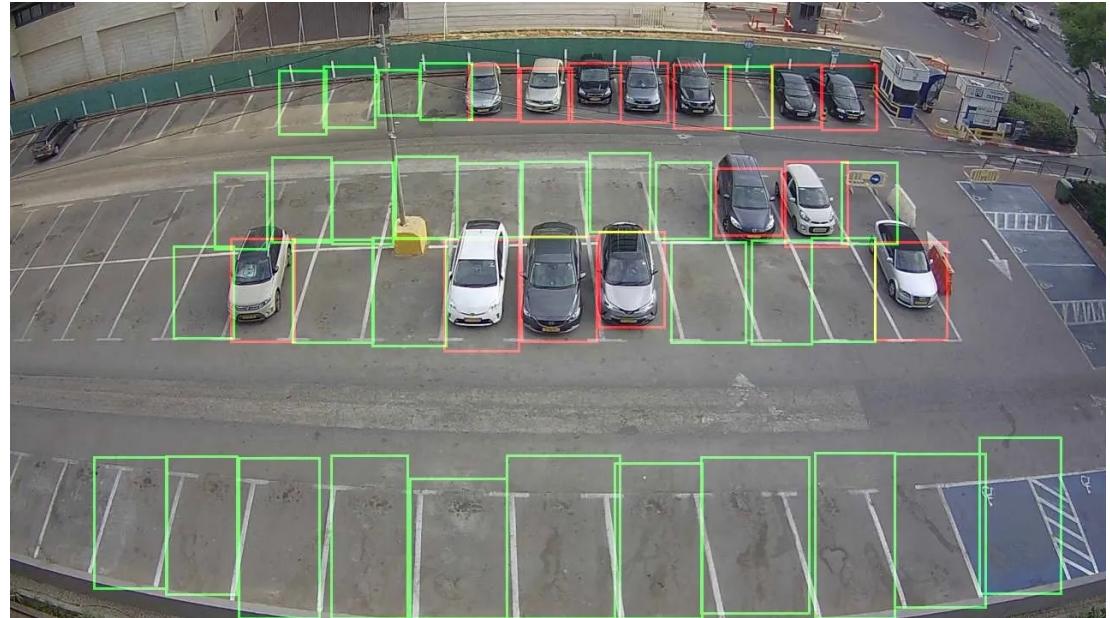
# M. Rao Digital Products

## 1. People Counter (custom made)



- a.
- b. Creates Movement line map using AI.
- c. Works with any fixed camera.
- d. Custom Region for detection and counting
- e. Ideal for shops, counters, parking lots, door cameras, etc.
- f. Modern Graphical User Interface.
- g. Number of people stored in easily accessible database every minute.
- h. Accurate detection of people using cutting edge Computer Vision Technology.
- i. Accurate counting using state-of-the-art AI.
- j. See trends in real time.
- k. More features can be added on demand.
- l. One time fee.
- m. No monthly or annual charges.

## 2. Parking Space Occupancy Checker



- a.
- b. Uses only one top-down camera
- c. Tailored to custom camera view (if top-down is not available)
- d. Focused mainly on parking space owners
- e. Ideal for:
  - i. Hotels management
  - ii. Municipal Parking
  - iii. Parks Parking
  - iv. Restaurants Parking
  - v. Shopping Mall Parking
  - vi. And more.
- f. The software is capable of sending data occupancy status to owner's website or other products.
- g. One time fee.
- h. No monthly or annual charges.
- i. AI based detection of car in the parking spot or availability of spot.
- j. Analysis features.
- k. Statistics saved in database to access later for analysis.
- l. One time fee.
- m. No monthly or annual charges.

### 3. Driver Drowsiness Detection



- a.
- b. Ideal for:
  - i. Transportation company owners.
  - ii. Trucking service owners.
  - iii. Bus transportation service owners.
  - iv. Cab rental owners.
  - v. Shuttle service owners.
- c. Uses AI to detect drivers state / emotions.
- d. Facial features are read by cutting edge Computer Vision Technologies.
- e. Generation of alert in case of detected drowsiness.
- f. Sending data to office when drowsiness is detected.
- g. Works with android.
- h. No need for any specialized equipments like camera and microcontroller.
- i. One time fee.
- j. No monthly or annual charges.

## 4. License plate detection and management



- a.
- b. Ideal for:
  - i. Housing Society Entrance Gate
  - ii. Office Enterance
  - iii. Traffic Violation
  - iv. Restricted Area entering vehicle plate capture
  - v. Tollbooth
  - vi. Analysis of time spent by vehicle
  - vii. Journey time spend analysis
  - viii. Parking security
- c. Modern and easy to use Graphical User Interface.
- d. Analysis of:
  - i. Time spent in a journey.
  - ii. Total Violations per vehicle.
  - iii. Time spent in parking.
  - iv. Routes taken by vehicle.
- e. Provides automation.
- f. Requires one camera only.
- g. Better Governance.
- h. Improved management.
- i. Enhanced Customer Experience.
- j. Seamless execution.
- k. Alarm Generation.
- l. One time fee.
- m. No monthly or annual charges.
- n. More features can be added on demand.

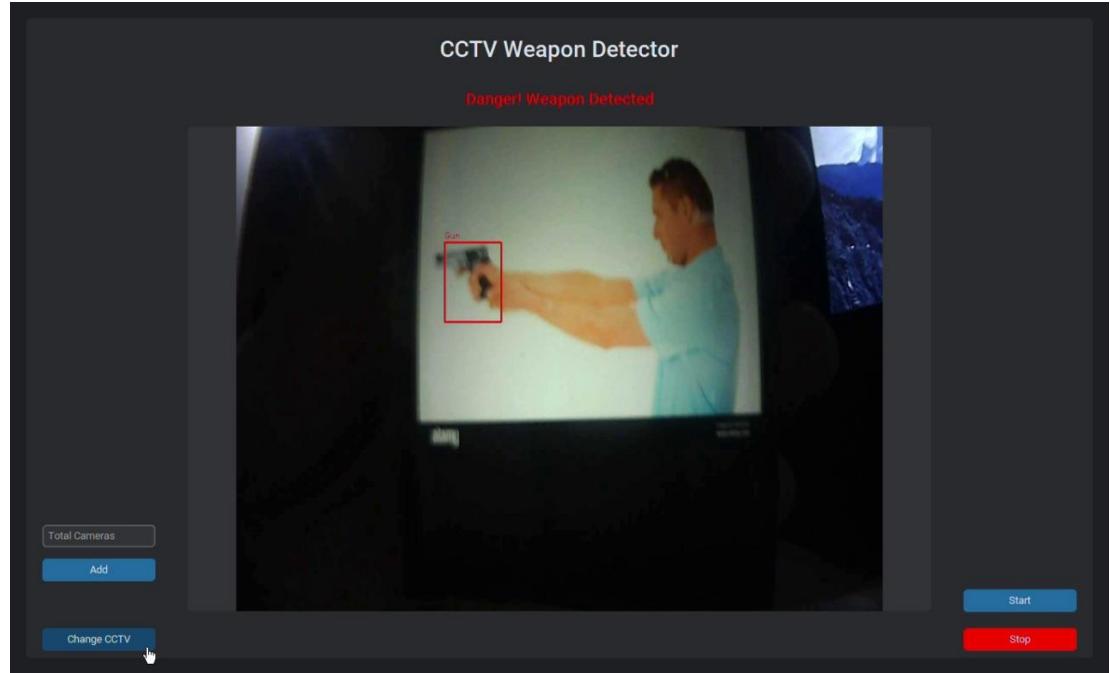
## 5. Time Table Maker



6.

- a. Ideal for:
  - i. Schools
  - ii. Colleges
  - iii. Academies
  - iv. Universities
  - v. Education Institutes
  - vi. Offices
  - vii. Task management

## 7. Camera Based Real Time Weapon Detector



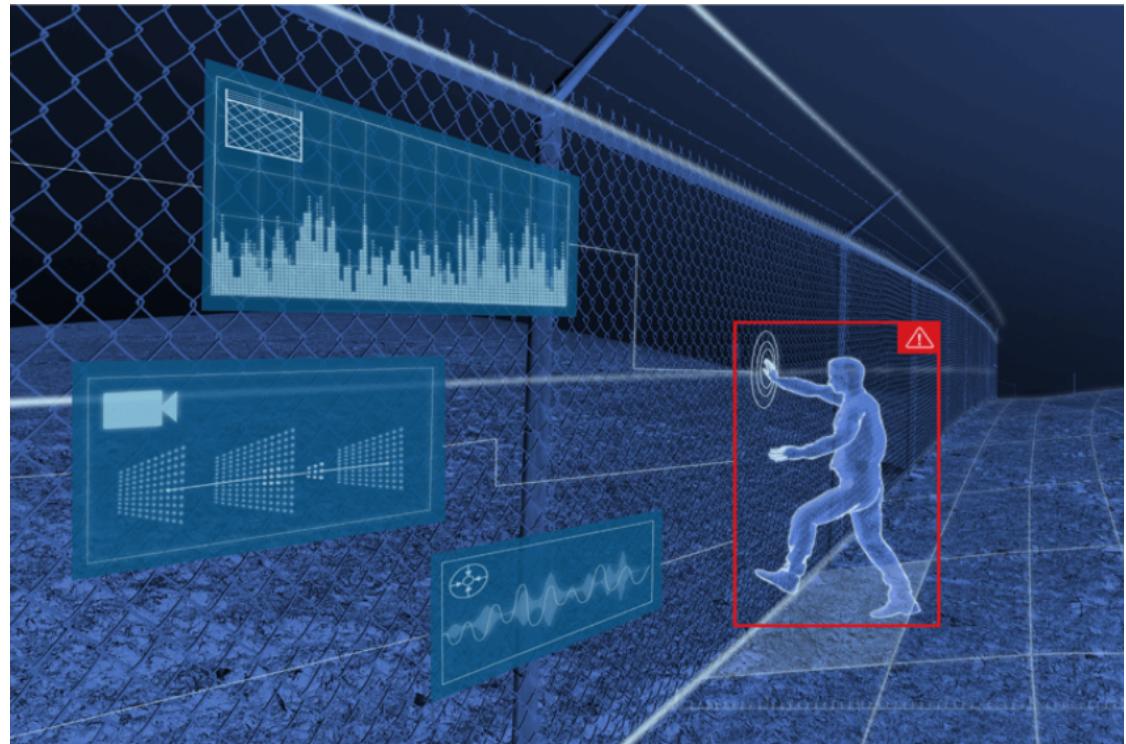
- a.
- b. Works on any Camera
- c. Minimum specification required for Computer
- d. Uses cutting-edge Algorithms to detect weapons
- e. Modern and easy to use Graphical User Interface
- f. Provides automation.
- g. Requires one camera only.
- h. Better Governance.
- i. Improved management.
- j. Enhanced Customer Experience.
- k. Seamless execution.
- l. Alarm Generation.
- m. One time fee.
- n. No monthly or annual charges.
- o. More features can be added on demand.

## 8. Movement Based Security System



- a.
- b. Uses Camera to detect movement
- c. Part of RSS™ Domestic Security System Ecosystem.
- d. Detects any kind of movement.
- e. Alarm Generation
- f. Best for indoor use.
- g. Suitable for garages.
- h. One time fee.
- i. No monthly or annual charges.
- j. More features can be added on demand.

## 9. Camera Based Person Detection Security System



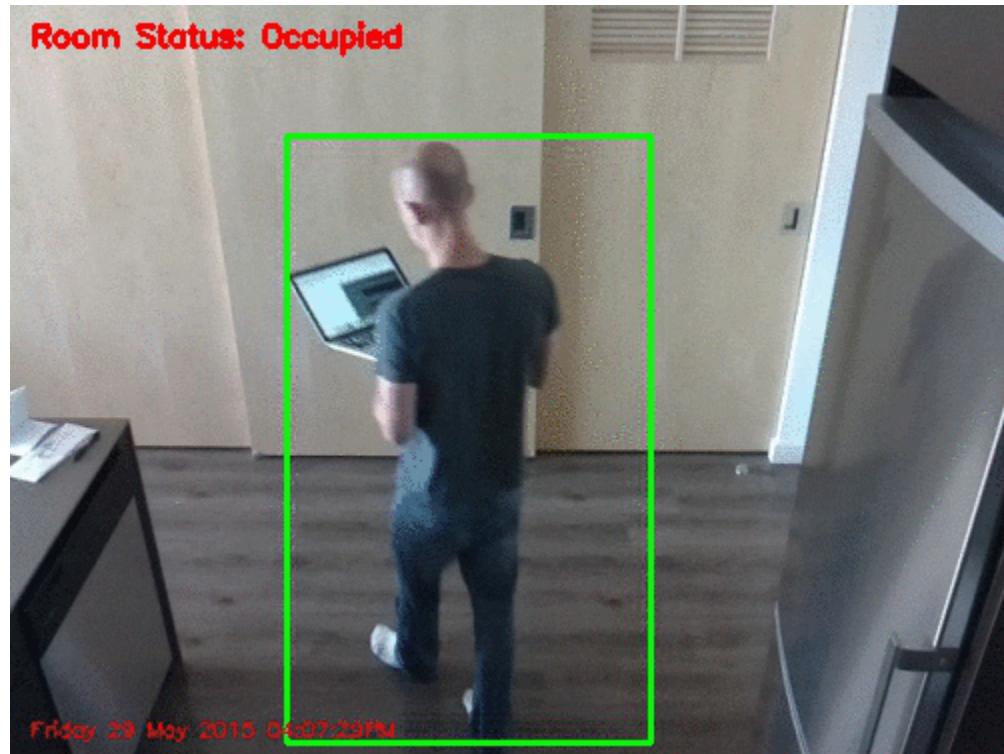
- a.
- b. Uses Camera to detect movement.
- c. Works with any camera.
- d. Part of RSS™ Domestic Security System Ecosystem.
- e. Detects person using cutting edge AI technologies.
- f. Alarm Generation on detection.
- g. Saves picture of person detected.
- h. Modern and easy to use Graphical User Interface
- i. Best for indoor use.
- j. Suitable for garages.
- k. One time fee.
- l. No monthly or annual charges.
- m. More features can be added on demand.

## 10. Worker activity Recogniser and policy based employee management system



- a.
- b. Uses machine Learning and Computer Vision based Human Activity Recognition system to detect workers activities.
- c. Admin Panel to create employees, add/remove policies, create users, and to see reports etc.
- d. User panel to supervise the workers and the system.
- e. Once employees are added it starts detecting them and recognises their activities. These activities times are recorded along with any violations they may perform.
- f. Each day a report about every employee is generated and this shows how much time was spent in what activity.
- g. Every Month a monthly report is generated for every employee.
- h. The system uses 1 camera per employee or 1 camera for multiple employees.
- i. The system is first trained on actual data for better accuracy and enhanced performance.
- j. All panels have Modern, Minimalistic, Easy to Use Graphical User Interface.
- k. One time fee.
- l. No monthly or annual charges.
- m. More features can be added on demand.

## 11. Intruder detector security System



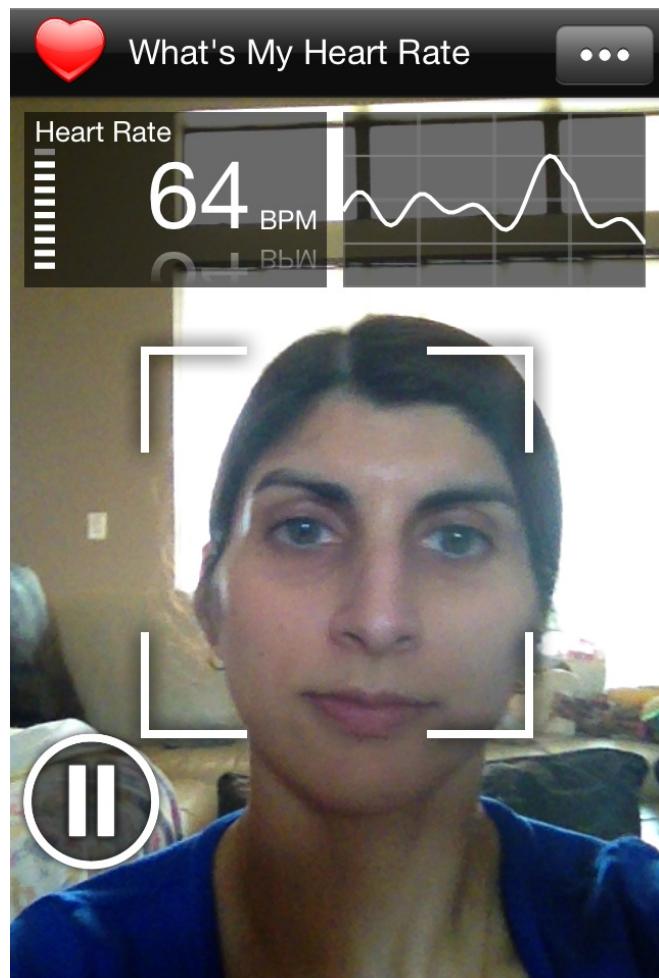
- a.
- b. Uses Camera to detect movement and person.
- c. Any movement is monitored and checked if it is a person.
- d. Little to no false alarms.
- e. Works with any camera.
- f. Part of RSS™ Domestic Security System Ecosystem.
- g. Detects person using cutting edge AI technologies.
- h. Alarm Generation on detection.
- i. Saves picture of person detected.
- j. Modern and easy to use Graphical User Interface
- k. Best for indoor use.
- l. Suitable for garages.
- m. One time fee.
- n. No monthly or annual charges.
- o. More features can be added on demand.

## 12. Traffic Light Detector System



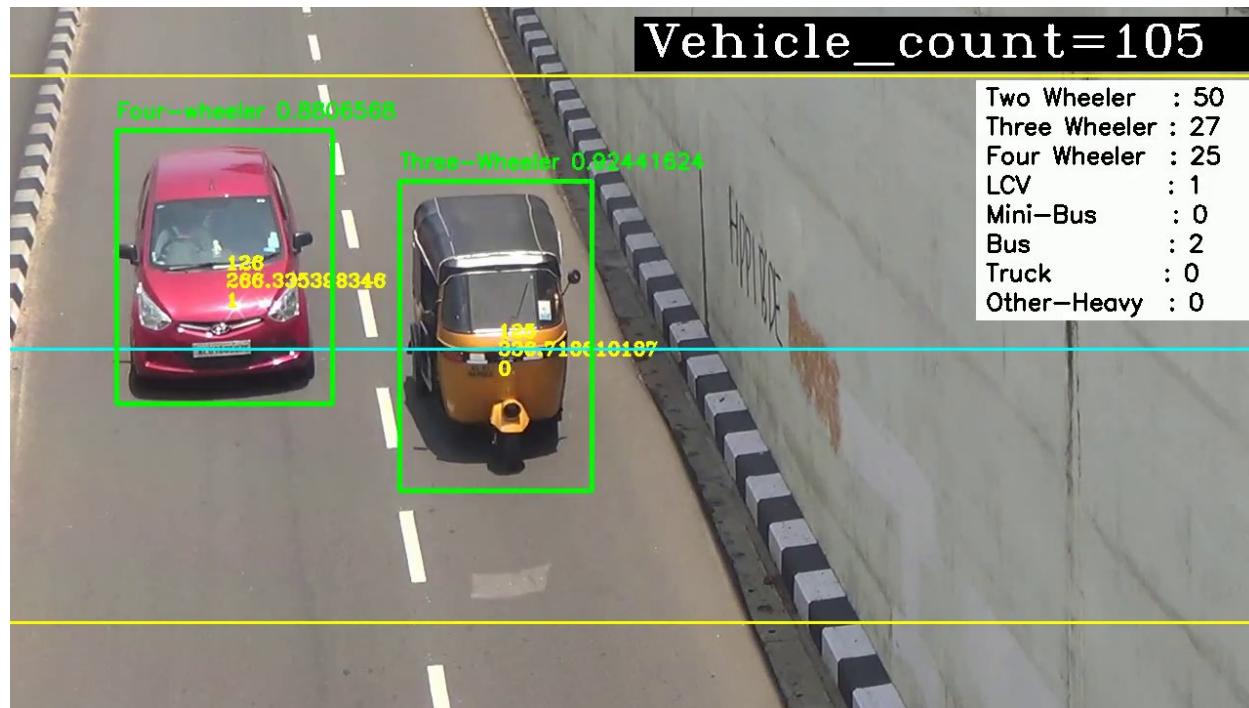
- a. Green 0.983157
- b. Part of autonomous driving system package.
- c. Uses any camera to detect Traffic light
- d. Uses computer vision and AI to detect which light is on.
- e. Speaks which light is on.

## 13. Heart Rate Measurement using Camera for medical institutions



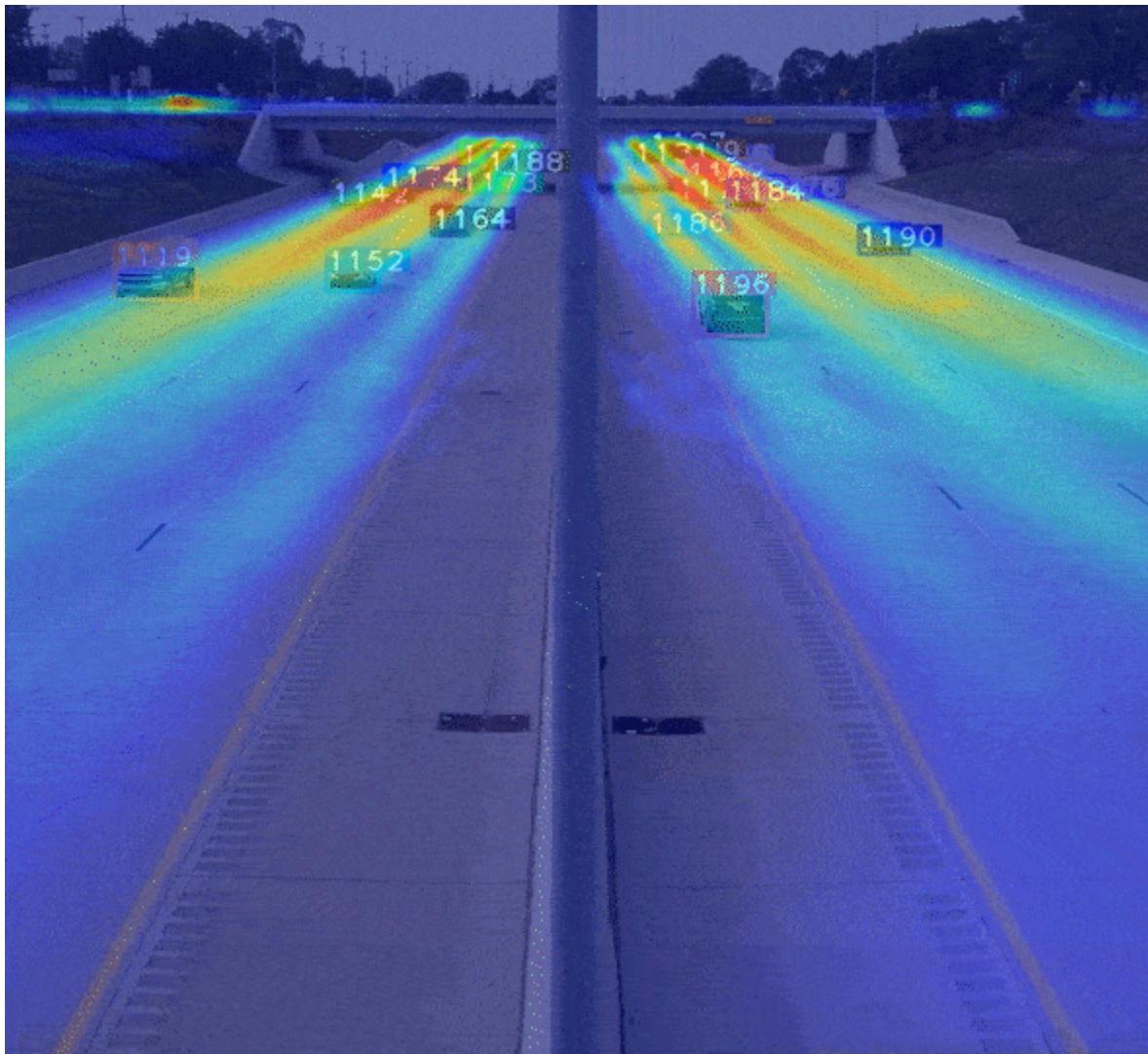
- a.
- b. Uses AI to estimate a persons heart beat based on their activities.

## 14. Vehicle Counter (Custom)



- a.
- b. Best of parking lot gates.
- c. Can be used at shopping malls to count vehicles passing in each direction.
- d. Provides great analysis on vehicles movement.
- e. Real-time

## 15. Vehicle Intensity Heatmap



16.

- a. Provides analysis on where more vehicles are passing
- b. Best for road or path analysis.
- c. Real-time

## 17. Customer Experience Analyzer based on AI Emotion Detection



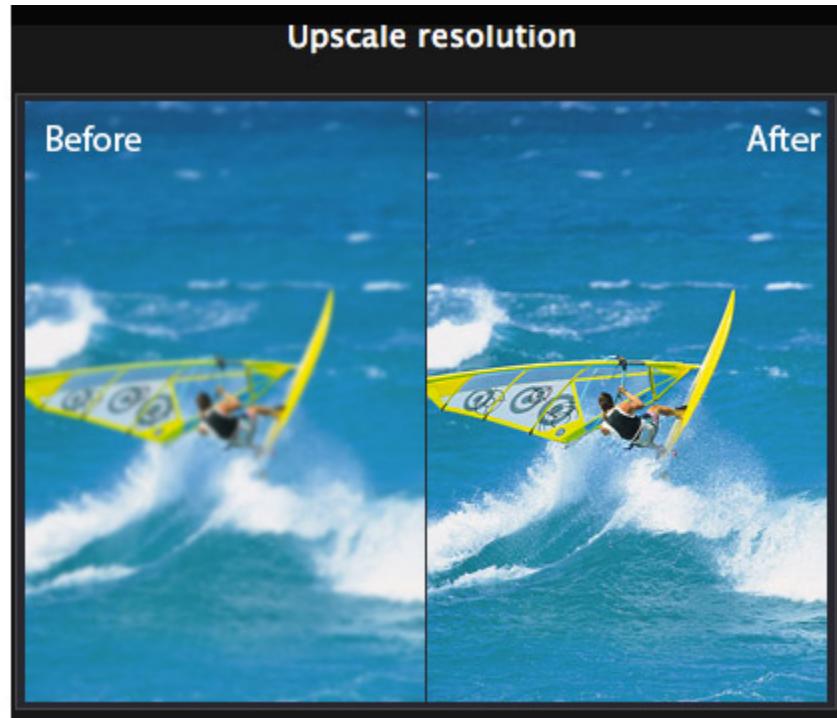
- a.
- b. Customers go through a number of emotions while shopping.
- c. This state of the art customer experience analyzer uses emotion detection to and creates map of the emotions a person went through while picking and checking a product.
- d. Data is kept in real time.
- e. Later analyzed and visualised to provide a detail analysis on the customers experience while picking and choosing to buy a product.

## 18. NFT Generator



- a.
- b. Provides aesthetically pleasing NFTable digital art with 100s of versions.
- c. 1000 images generated everyday.

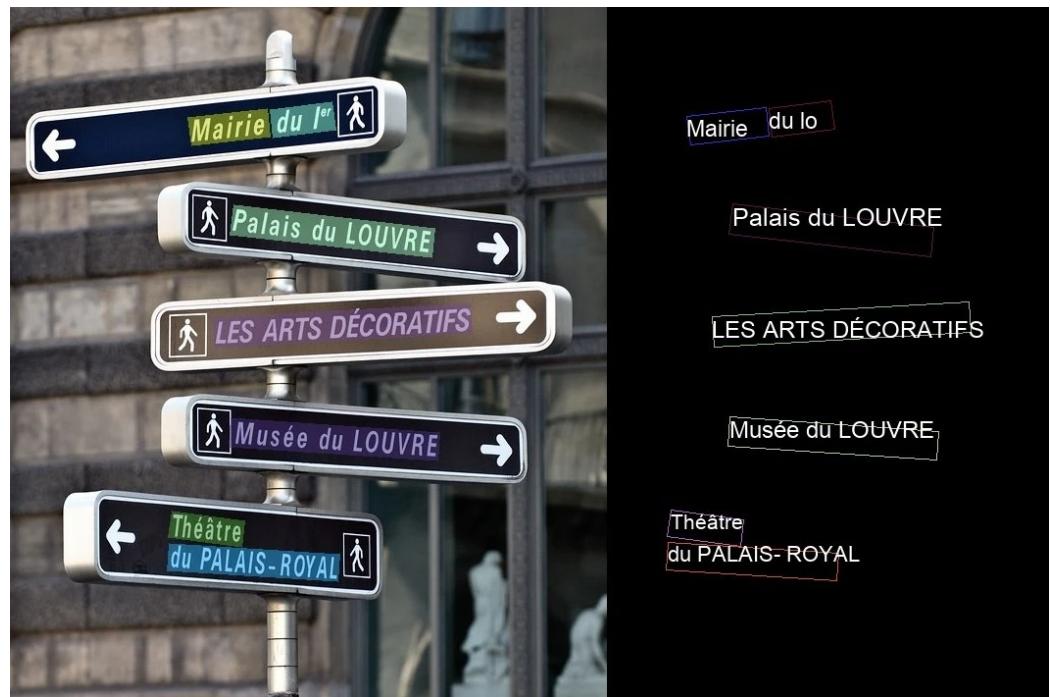
## 19. Image Resolution Enhancer



a.

- b. Given any old image it uses AI to Enhance its Resolution.

## 20. Text Recognition from Image



a.

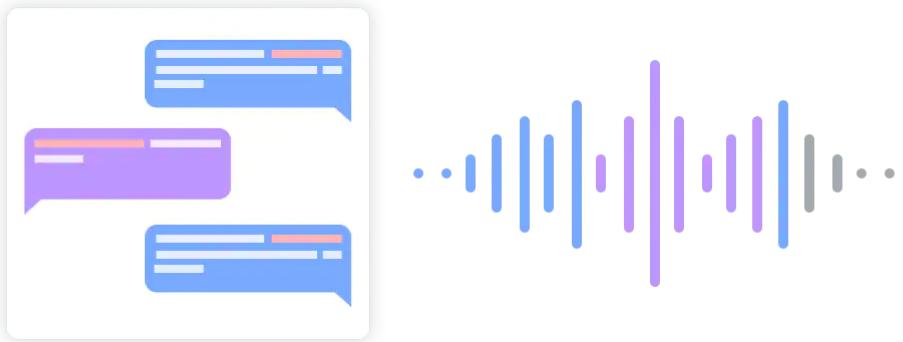
- b. Given any Image it provides what text is placed in that image.

## 21. AI based Video Script Writer



- a.
- b. Uses AI to write scripts on any topic in the world.

## 22. AI based text to speech Generator



- a.
- b. Uses AI to generate Real Like Speech from any English Text.

## 23. Lane Assistant for road vehicles



- a.
- b. Uses Computer Vision to detect Lanes on the road.
- c. Generates Instruction about the direction the driver should steer the car in order to stay in the lane in speech.
- d. Provides automation.
- e. Best of drivers who drives long distances.
- f. Part of Safe Drive Package.