



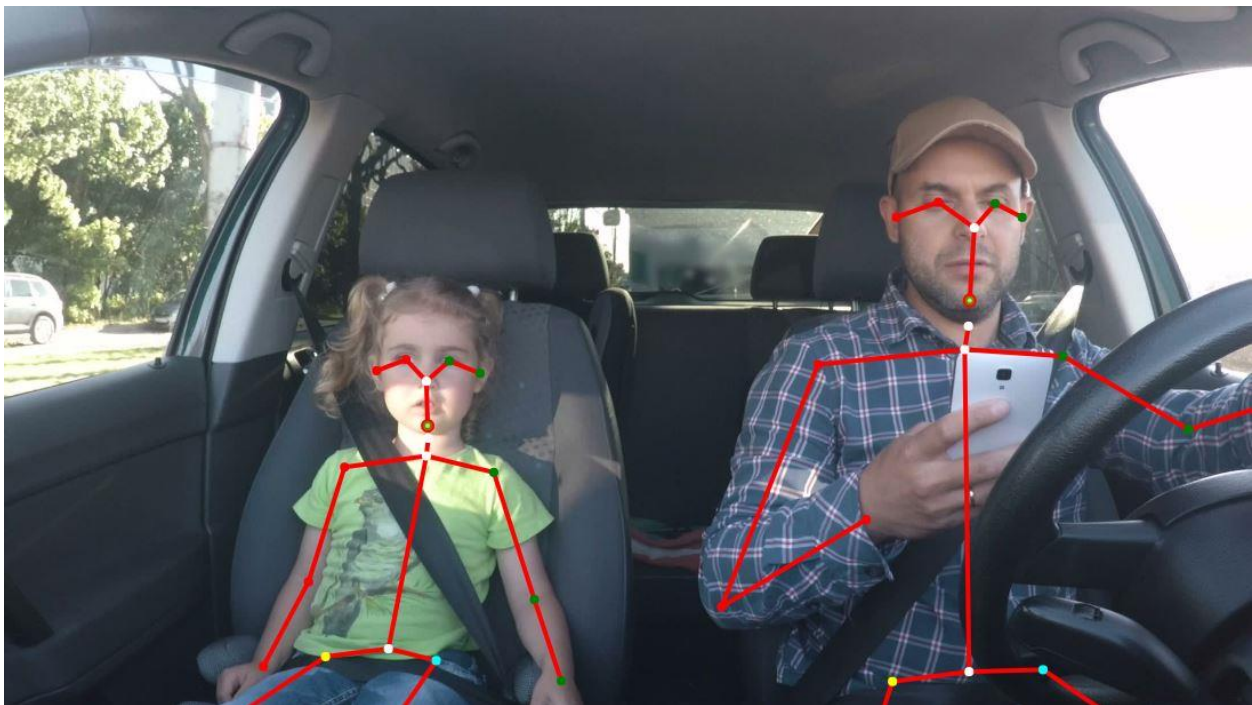
Autonomous Vehicles and in-car behavior:

In-Car behaviour:

Proving 500 hours of annotated in-car video footage of various people driving. The goal is to learn how to track the in-car behavior of the driver and passenger. Keymakr created and annotated each video by tracking each movement of the human body, human face, emotions, and pupil activity to identify where the person is looking.

Video sample of the in-car annotation: <https://www.youtube.com/watch?v=suFkSFJbBc8>

Tracking of human body movements in the car. Includes face annotation of emotions, face movements and rotation, pupil tracking.





Autonomous vehicle:

Keymakr annotated videos of moving vehicles on the road. Each vehicle is tracked by the plate number through all the frames of the video footage and each one of them has multiple attributes. For example: the carmaker, model, colors, etc. This training set was used to train Autonomous Vehicles to navigate on the road recognize other vehicles and objects around them.

Annotated video of night driving: <https://www.youtube.com/watch?v=cTVV5Ng1AjQ&t=13s>

Annotated video of day driving: https://www.youtube.com/watch?v=sHk_kATD1sw&t=8s

Autonomous Vehicle computer vision

Keymakr segmented 20,000 images of streets from north America and Europe major cities. Each image had to be pixel perfect, while all elements of the image are marked as different segments: cars, trees, sky, road, signs, etc.

The training set was used to train autonomous vehicles to recognize the surrounding in busy cities.

