

The Output.avi file on github shows the demo video where we can see Person Detection, Pose Estimation and recognise and track multiple people.

Models used:

- a. blazeposenet
- b. mobile net

Framework used:

TFLite

Datasets on which the models are trained

UCF crime detection dataset. This dataset was used to train the model to learn the pattern of crime committed. The dataset contains extracted images from the UCF crime dataset used for Real-world Anomaly Detection in Surveillance Videos Every 10th frame is extracted from each full-length video and combined for every video in that class.

All the images are of size 64*64 and in .png format. The dataset has a total of 14 Classes. The total image count for the train subset is 1,266,345.

The total image count for the test subset is 111,308.