



# Facial recognition

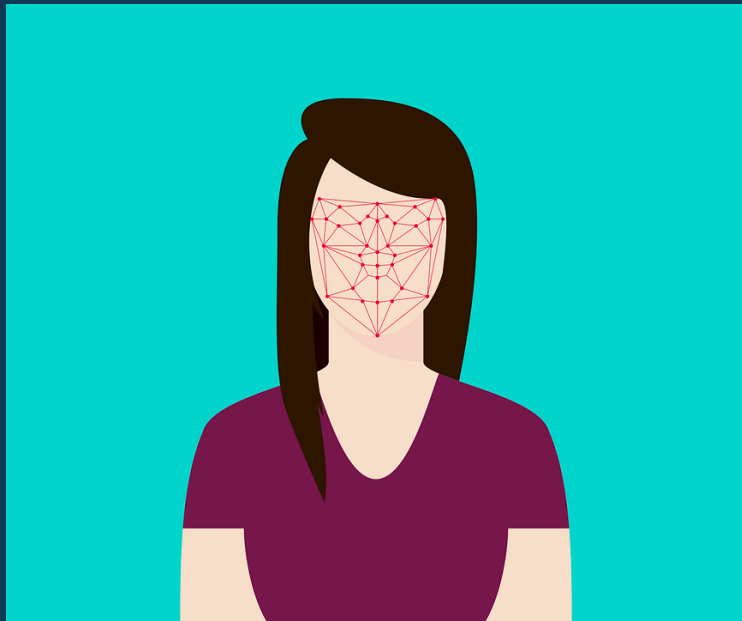
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Avoid a fight in venues with Nonlutte app



# Emotion Detection APP

**Easy to Implementation and accurateness much better**



The emotions detected are anger, disgust, fear, happy, sad, surprised, and normal. These emotions are understood to be cross-culturally and universally communicated with particular facial expressions.

# About the Project

Our model converts the video into vectors of video level feature extracts and to introduce knowledge transfer a largescale emotion-centric auxiliary image set is being used to classify the emotions.

# Overview of the System

The Two main stages in the system are:

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- Feature extraction
- Feature classification

The feature extraction stage involves pre-processing stages such as acquiring a sequence of images (15 frames/second) using a video camera and detecting the facial region of the image and standardizing the properties for lighting the image , this application BRIEF feature extraction is being used.

## Key Benefit



Quick and easy. Check each person for less than 5 seconds



Accurate and objective. Different thresholds can be set for objective screening.



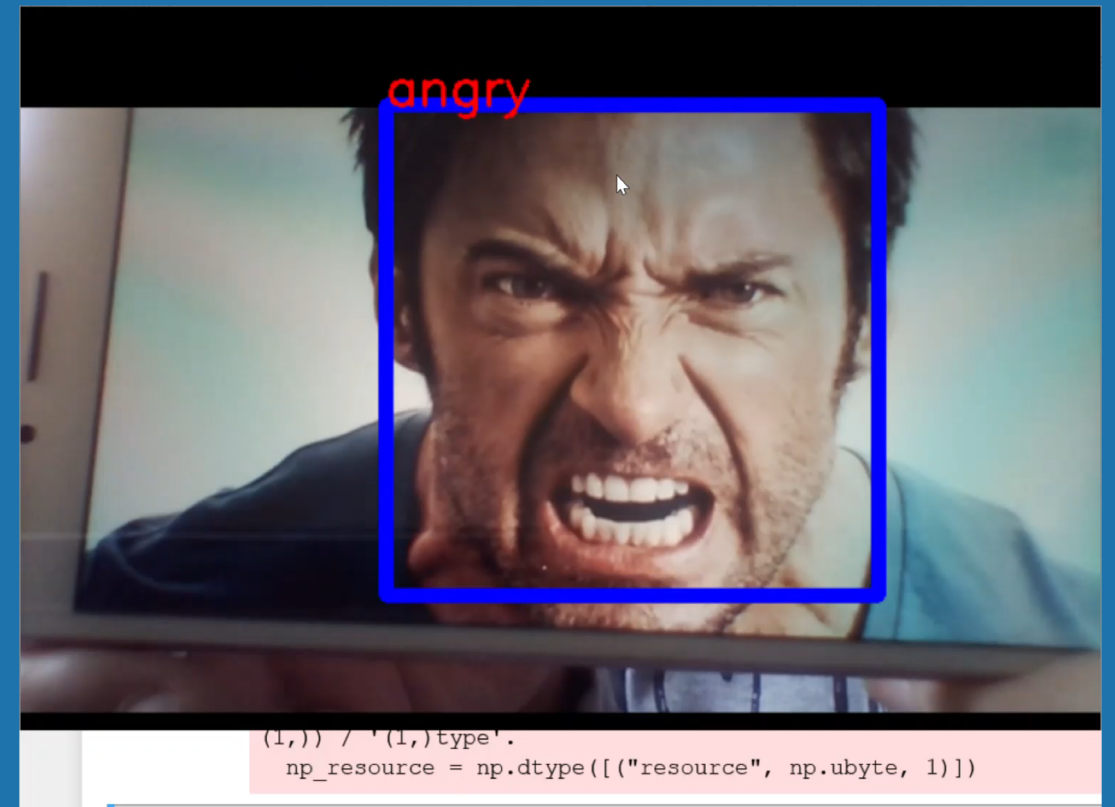
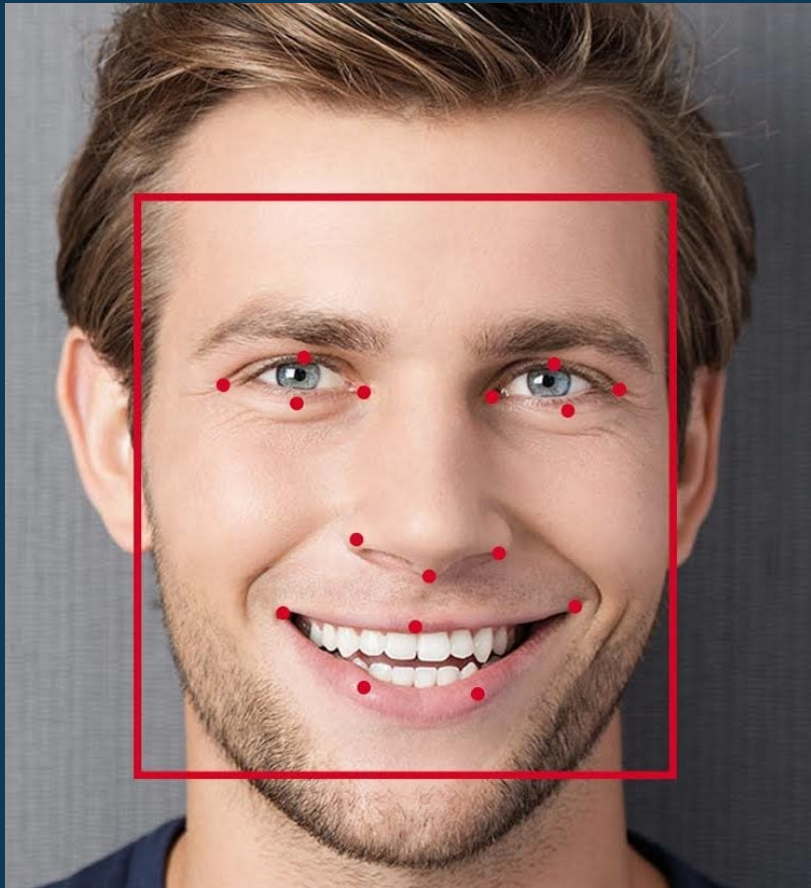
Friendly shielding. No contact and no interference.



Intelligent early warning. Real-time dynamic early warning function.

# Real time solution

Besides, we can apply emotion analysis on a video streaming or web cam capturing. We try to act all emotion classes. As seen, this implementation runs very fast.





# Thank you

## Your face tells everything

Extract emotional insights from facial expressions

