Literature review

Paper 1

the criminal detection system's accuracy. The models used by the researchers were CNN Classifiers and Unsupervised Machine Learning. We examined the accuracy of each model with a range of sample sizes, from 500 to 2000. In terms of recognition of faces, the suggested technique did 92.46% better with p < 0.05 than CNN Classifiers, which attained an accuracy of 86%. The algorithm driven by AI kept the data from being overfit. The Haar-cascade conduct was used to study heterogeneous face detection. The Haar-cascade classifier is a face detector provided by OpenCV. The Haar-cascade classifier classifies each element of the image as either "face" or "not face" based on how it is classified. The study found that employing a frontal face increases the accuracy of recognition of facial features.

Paper 2