In this chapter, the discussion about all the research papers which were selected will be mentioned in order of the references. In this chapter , the details about data collection, accuracy , efficiency and future trends will be discussed in each paragraph for each research paper

Though the development of face recognition systems is a huge impact to the technology fields but it also may raise privacy concerns . with this highly developed technologies it may lead to sexual violations . could even lead to judging someone’s race, cast ,sexual orientation . there must be some algorithms to avoid these types of problems too

In this study a dataset about Bollywood celebrities has been used after the implementation this was the result , TP=2747 FN=11 FP=63 TN=11 and the final conclusion of this study is best combination for face recognition and detection is Face-Recognition Module and MTCNN

WebFace260M is the one of dataset which has been used in this. With the experiment testing using 120k real images they have achieved 99.33% accuracy on LFW and 93.61 on average across the five benchmarks.

The conclusion of this research is , a whole pipeline will be provided to modules by the facesdk. Other features that has been provided by the sdk are face detection, face landmark localization ,and face feature extraction . the dataset which has been used in this study is widerface dataset,MegaFace

Dataset for this research is Feret which is a larger dataset. Here the DET curve gives uniform treatment to both types of error, and uses a logarithm scale for both axes, which spreads out the plot and better distinguishes different well performing systems and usually produces plots that are close to linear. Also the multi layer perceptron can perform as a classifier

In this study it describes about the application of deep learning models in facial recognition. It improves the Googlenet and then to improve the grouping convolution method under multi gpu applications. The future step from this point will be testing the generalization ability of the network model using a larger dataset.

According to this research study