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(57) Abstract :
 Human emotion recognition plays an important role in the interpersonal relationship. The automatic recognition of emotions has been an active research topic from artificial intelligence. Here we use some samples of peoples emotions to capture and to recognize the idea about the emotions. By collecting the samples of a person expression , it is possible to determine the emotions of the people .The x and y axis of the face proposition is calculated and the exact output of the facial expression is driven. We uses the Machine Learning which recognize fear, happy, sad , anger and uses more than one algorithm to detect the emotions of the people. The facial expressions is taken as a input and can be detected by the emotion detection. By using the emotion detection , the sample rectifications are obtained. By using the samples, emotions are detected by X and Y axis of the face propositions. We use convolution neural network algorithm . CNN is a type of artificial neural network which is widely used for image/object recognition and classification. It is a powerful tool but requires millions of labeled data points.

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