Emotion Recognition using Python

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Abstract: Human-computer contact will be more natural if computers can perceive and respond to nonverbal communication such as emotions. Although various ways to recognizing human emotions based on facial expressions or speech have been presented, there has been relatively little effort done to merge these two modalities, as well as others, to improve the accuracy and robustness of the emotion detection system. This research examines the benefits and drawbacks of systems that rely solely on facial expressions or audio data. Facial expression recognition is a subset of facial recognition that is gaining in importance as the need for it grows.

Keywords: Facial recognition; expression recognition; deep learning; image recognition; Facial technology; signal processing; image classification are all terms used to describe facial recognition.

REFERENCES


