

Emotion Detection and Recognition using Human Face

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Abstract: *This project seeks to create a cost-efficient and effective system for real-time emotion detection and recognition of human facial emotions based on a Raspberry Pi platform. Emotion detection from facial expressions is an essential piece in human-computer interaction. The proposed system leverages computer vision techniques and deep learning models to detect and classify emotions based on facial features. Raspberry Pi, a low-cost, credit-card-sized computer, serves as the core hardware platform, making the system accessible and affordable for general wide range of application.*

Keywords: Facial Detection, Emotion Classification, Real-time processing, User Interaction

