**Emotion Classification Neural Network**

Overview:

This repository contains a neural network model trained to classify emotions from images and videos. The model has been trained on a dataset of labeled images and has achieved high accuracy in recognizing emotions

Features:

- Emotion classification from images and videos

- Trained on a large dataset of labeled images

- High accuracy in recognizing emotions

- Can be used for various applications such as sentiment analysis, facial recognition, and human-computer interaction

Usage:

- To use the model for image classification, simply input the image file path into the model and it will output the predicted emotion.

- To use the model for video classification, input the video file path into the model and it will output the predicted emotion for each frame of the video.

Files:

- (link unavailable) contains the neural network model architecture and training code

- dataset.csv: contains the labeled image dataset used for training

- test\_images/: contains sample images for testing

- test\_videos/: contains sample videos for testing

Requirements:

- Python 3.x

- TensorFlow/Keras

- OpenCV

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