Facial Emotion Recognition

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Our project is Facial Emotion Recognition using OpenCV. We have made a model using Convolutional Neural Network and trained it. The images are divided into training and test set and each set contains 7 emotions which the model would identify. The model is trained on training set and after training the model have been saved to disk as model.h5 and model1.h5 which have different accuracies. There is a file main.py which uses OpenCV to open the webcam and take the input of faces. The faces are detected and the corresponding emotion is marked around the box. These are some of the examples.



