**Application of Convolutional Neural Networks Towards the Classification of Human Emotions from Images:**

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**Purpose:**

The purpose of this project is to utilize a Convolutional Neural Network (CNN) to classify the emotions shown on a human face. We have several large datasets that will be used to train the model and then the model will be applied to an image captured once the program detects a face. The program will then display this capture along with the emotion it believes to be most prevalently shown in the image. We implemented this algorithm to work as quickly as possible so that there would only be a short delay between the image capture and the final result displayed.

**Related Work:**

**Method:**

**Experiments and Results:**

**Bibliography:**