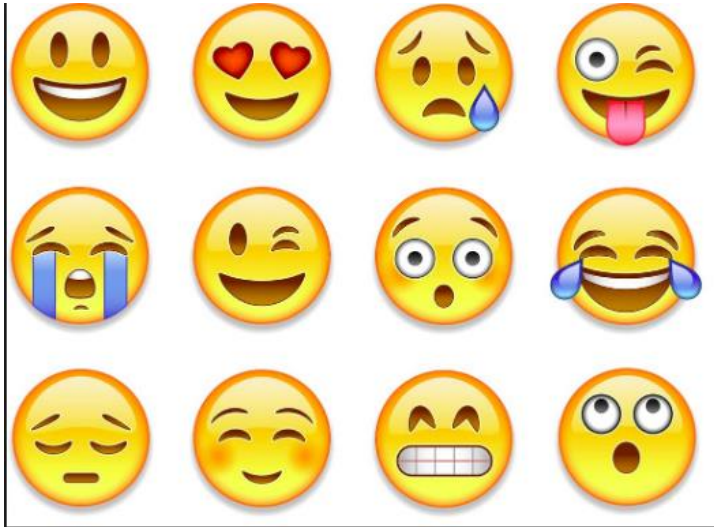


# Emoji Prediction-Read Me



**Emojis** are the incredible way of expressing yourself. Therefore, our machines should also be aware of the appropriate emoji to be used at the right time. Thus, this project does the same.

In this project, the model is predicting emoji's according to a given sentence using Deep Learning Models.

## Input

Text data consisting of different sentences along with the labels. Labels represent a particular emoji representing the sentence.

- **test\_emoji.csv** - for testing our model
- **train\_emoji.csv** - for training our model

## Algorithm's Used

- LSTM

we are introducing more & more controlling knobs, which control the flow and mixing of Inputs as per trained Weights. And thus, bringing in more flexibility in controlling the outputs. So, LSTM gives us the most Control-ability and thus, Better Results. But also comes with more Complexity and Operating Cost.

## Additional Files

In this project, I have used the 6B 50D glove vector to build embedding matrix of words available in the glove vector.

Download the 6B.50.50d.txt file and extract the file in the same directory as that of the code.

Downloading Link-> [glove.6B.50D.txt](#)