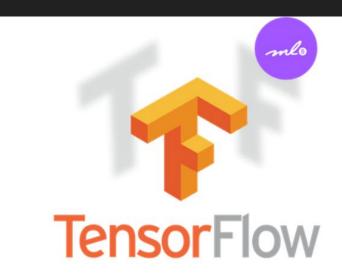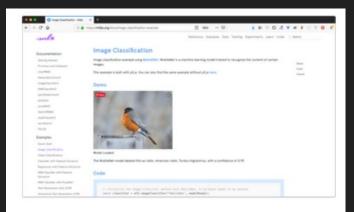# CS 4200
Sentiment Analysis / Post Moderation

By Parth Singh

Library used: ml5.js https://ml5js.org/

ml5.js is an open source, friendly high level interface to TensorFlow.js, a library for handling GPU-accelerated mathematical operations and memory management for machine learning algorithms.
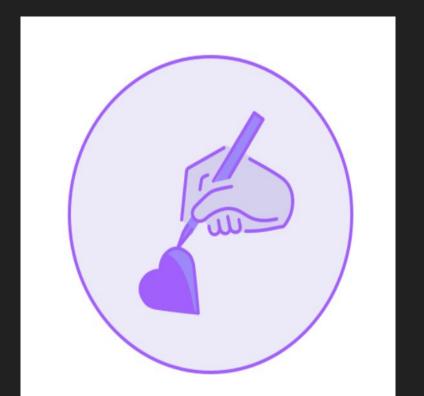

ml5.js provides immediate access in the browser to pre-trained models for detecting human poses, generating text, styling an image with another, composing music, pitch detection, and common English language word relationships, and much more.

Model used: Sentiment
https://learn.ml5js.org/#/reference/sentiment

Sentiment

- Description
    - This a pre-trained model to detect whether the sentiment of text is positive or negative.
- Developer and Year
    - Google's TensorFlow.js team. TensorFlow.js, a JavaScript library from TensorFlow, an open source machine learning platform developed by Google.

Demo

Sentiment Analysis Demo

This model scores the sentiment of text with a value between 0 ("negative") and 1 ("positive").

model loaded

| Today is the happiest day and is full of rainbows! | submit |

Sentiment score: 0.9999948740005493

Sentiment is Very Good