

The Meme Analysis Task

Task A- Sentiment Classification: Given an Internet meme, the first task is to classify it as a positive, negative or neutral meme.

- Negative and Very Negative => 2
- Positive and Very Positive => 1
- Neutral => 0

Task B- Humor Classification: Given an Internet meme, the system has to identify the type of humor expressed. The categories are sarcastic, humorous, offensive and motivation meme. A meme can have more than one category.

- Not humorous => 0 and Humorous (funny, very funny, hilarious) => 1
- Not Sarcastic => 0 and Sarcastic (general, twisted meaning, very twisted) => 1
- Not offensive => 0 and Offensive (slight, very offensive, hateful offensive) => 1
- Not Motivational => 0 and Motivational => 1

Make a frontend, which takes image as input and return the labels for both tasks.

You have to make a multimodal architecture using only pytorch. You are only allowed to use only Feed forward or Multilayer perceptron in the project.

CNN, LSTMs, Transformers and pretrained models are not allowed.

Task 1 Deadline: 28 May,2022

Task 2 Deadline: 5 June 2022

You have to submit three things in classroom:

Jupyter notebook, .py file, and pdf latex of code.