Summer of Innovation 2022

13th – 26th June 2022

EMOTOR

Hardly Human

AI CLUB IIT Dharwad

PROBLEM STATEMENT

Imagine your laptop detecting emotions looking at facial expressions! Sounds cool isn't it? Here, the objective is to train a model using the FER-2013 dataset by building a convolutional neural network which is best for image classification. Test your model performance using images from test folder in the dataset.

As an add-on, try to implement the feature where-in your code detects expression of a person through webcam and predicts current emotion.

CODES AND DOCUMENTATION

Submissions

REPORT/DOCUMENTATION

The teams are supposed to make a brief report which should include the working, results and kaggle score (performance of model).

SUBMISSION

The complete project must be submitted as a GitHub repository, which will include all the codes, report, readme file or any other files.

Evaluation Criteria

01

This applies not only to your use of a unique machine learning technique, but could also be a unique problem formulation, visualization of the data, evaluation metric, or use of existing tools.

02

The accuracy scores from the kaggle submission will be used as the criterion for the judgements.

Team size for this event is maximum 2 participants.
Participation awards shall be awarded to all participant**s.**