

LAB-1

Date : 17-11-2021

Hours : 5 and 6 hrs

* Topic Selection

Browsing on various topic based on trending technologies such as Machine Learning, Deep learning.

Focusing of Machine Learning project related to sentiment, Identifiers, Predictions etc.

Taking ideas on different Projects in ML and DL

Examining relevances of the project.

BAB-2 Date : 22-11-2021 Hours : 2¹/₂

* Topic Selections

- Studying the system requirements and the functionalities of the project.

Exploring different datasets, that is for training the model

Quick look on algorithms used inside the model

Scanning relevance of the project.

LAB-3 : Date : 24/11/2021 Hours : 5 and 6

- * Topic Selections of datasets for Deep Learning
- Downloading Datasets
 - Topic selected named : EMOTIFY

It is a deep learning project found on the web.

- The dataset is downloaded from kaggle.
 - The dataset is a image dataset.
 - The dataset consist of 48*48 pixel grey scale face images.
- The emotions like : angry, surprise, disgust, fear, happy, sad, neutral are the expressions.

LAB-4 Date: 29-11-2021 Itours: 2nd and 3rd

- Studying detailed about the topic
 - Preparing abstract
 - Studying about project functions and working.
 - understanding all the objectives.
 - checking on algorithms and its details
 - clearing doubts with guides

LAB - 5 Date : 6 - 12 - 2021 1 hours - 2nd & 3rd

- * Preparing abstract.
- * Searching web for the clear idea of the project.
- * Understanding requirements.
- * Understanding with trends and guide.
- * Discussing.

Lab 6 Date: 8-12-2021

- * Submission of project synopsis on 7/12/21
- * Approval of topic on 7/12/21 by Project guide

LAB# Date: 13-12-2021

- * Learning about the algorithms
Here EMOSIFY uses CNN algorithms.
- * Examining each module
- * Understanding about other ~~classification~~
~~algorithms~~ image classifiers algorithms.

LAB 8 DATE: 15-12-2021 TIME: 21:00

- * understanding about various image processing techniques
- * Learning about image segmentation technique and techniques about classification.
- * Understanding about Emojis or avatars

LAB 9 Date: 20-12-2021

- * Understanding package such as numpy, pandas, OpenCV, keras libraries.
- * Understanding different versions of TensorFlow.
- * Understanding GPU versions.
- * Understanding real time video streaming.

LA1210 Date: 22-12-2021

* Learning about background

* Learning about the dataset about emotions.

* Learning about real time facial expressions recognition reflected in emoji.

LAB 11 Date: 3-1-2022

- Installation of Python versions.
- Learning about tools.
- Learning of dataset and applying

LAB 12 Date : 5-1-2022

- Training the model to detect the ~~face~~ expression and show it is an emoji.
- Face expression with different expression counter is shown.