

BSc (Hons) in Information Technology Year 4

Lab Activity 04

SE4050-Deep Learning

Semester 2, 2022

Classification with CNNs

Activity

- Accept the Lab through GitHub Classroom using the link below. (https://classroom.github.com/a/v9749Y7)
- Once accepted you can download the dataset contained in the Assessment. This is a Manga Facial Expressions dataset taken from Kaggle.
 (https://www.kaggle.com/datasets/mertkkl/manga-facial-expressions)
- Build a simple CNN model using keras or pytorch.
- Do not use any pretrained models or transfer learning.
- Feel free to experiment with different model layouts and structures.
- Use the the .ipynb format provided in the assessment and the text area at the bottom to highlight the model components and details of the layers. Include any special thing you did or anything else that you wish to highlight.

Submission:

Keep the repository updated.

Upload the Finalized Jupyter notebook (Rename with your ID) to the Lab submission link before the due date.

Cut off date: 11:59PM on 25th September 202