Machine Intelligence Lab (UE22CS352A)

Artificial Neural Network

Instructor Guidelines

In this week students are required to implement ANN for classification.

Instructors activity:

- Ask students to read **ANN Instructions** pdf file and understand instructions.
  Ask students to open **ANN.py** and implement each function marked as **TODO** according to the instructions specified.
- Ask students not to make any changes to the function definitions, however they **may define their own helper function** in the same file.
- Inform students that they **cannot use any extra libraries** that don't come built-in with python **apart from the ones mentioned in pdf**.
- Students are expected to **try to pass** sample cases in lab.
- For any additional help that students may require, a standard answer file is provided to instructor, this should be used to only provide support and not to be disclosed.
- Stress on the submission format of the python file ,that they should submit before the deadline **(details mentioned in the pdf)**.
- Sample Test are designed to handle most of the error, however if any unexpected error occurs this should be informed.
- Cases where students might do an error:
  - Using libraries that don't come built-in with python.
  - Not sticking to the input and output format of the function parameter.

Command to execute the Sample test (By Student) :

```
python Test.py --ID CAMPUS_SECTION_SRN_Lab4 --filepath pathtocsv
```

where the code file name is CAMPUS_SECTION_SRN_Lab4

note that the command is CAMPUS_SECTION_SRN_Lab4 and not CAMPUS_SECTION_SRN_Lab4.py

Ex: `python Test.py --ID EC_H_PES2021801819_Lab4`

Instructors may note down if student was able to pass the sample test cases.