



## ASSIGNMENT

### Task 1:

Read [You Only Look Once: Unified, Real-Time Object Detection](#) research paper and summarise all the important concepts/intuition behind the YOLO algorithm and save it in a document.

### Task 2:

Speech Emotion Recognition, abbreviated as SER, is the act of attempting to recognize human emotion and affective states from speech. That is capitalizing on the reality that voice regularly displays underlying emotion through tone and pitch. That is additionally the phenomenon that animals like puppies and horses employ in an effort to apprehend human emotion. Here you have to build a model to recognize emotion from speech. For this, you are provided with the needed data. Dataset consists of audio files of different individual. Evaluate the model and write the conclusion in the document.

### Task 3:

Write a program in C++/Python to find the CER( Character Error Rate ) between the following words without using the library:

- 1) "Petpooja"
- 2) "Petooja " (Note: There is whitespace here)

For the above-mentioned tasks, you can make one single document and share all the necessary files used while doing all the above tasks.