

NLP Weekly Progress

We have completed working on the DIP component of the Project and coming to the NLP part we worked on a ENCODER part of the TRANSFORMER but we have issues with the accuracy of the given output predictions. Hence we are working on training and fine tuning a BERT model but we faced yet another problem due to the complexity of the BERT model our Laptops are not able to run the model. Our objective for the next week is to complete the model and present the final working model.

We are also searching for a new dataset which is bigger in size as compared to the current dataset. We doubt that it might also be the reason for the bad results for our ENCODER model. We are searching for the datasets in Google Datasets but we are not finding a good dataset that matches our size requirements. We also found datasets in Hugging face but its the same issue. The links for the datasets are given below

<https://huggingface.co/datasets/chibbss/fitness-chat-prompts-completion-dataset>

<https://www.kaggle.com/datasets/niharika41298/gym-exercise-data>