

CSE-350 (Project Work)

Our primary goal is to build a dataset of vowel segments from the SUBESCO (SUST Bangla Emotional Speech Corpus) dataset. We will also build a Machine Learning model that will predict the emotion of input speech signals and build a web application using Flask.

In that web application users can input different speech signals and get the emotions automatically. Which will be beneficial in sectors like call centres, tele medicines etc.

Our first goal is to build the Machine Learning model and to add new records into our dataset. We will use different evaluation matrices to evaluate our model.