About : video essence is a web application built to generate concise summary from textual data as well as video transcripts.

This application makes use of Natural Language Processing to extract the keywords from the cleaned data to form sentences. These sentences are then tokenized and made into sentence vector and further into a similarity matrix. With the help of the similarity matrix a graph is made with nodes consisting of the sentences. The sentences are lastly ranked on the basis of their similarity with other sentences and hence we obtain the summary.

The home page asks the user for the input type i.e video url or text . The user then needs to specify the number of lines of summary and click on submit button for video transcript summary and proceed to continue button for text summary.

The proceed to continue button leads the user to the text summarizer page. Here user needs to enter the text in the given area and specify the

length of summary required . On clicking the submit button the summary appears on the right hand side.

This is the video summarizer page where the user gets the summary on the right hand side and the user specified video appears on the left .