

ABSTRACT

Text summarization is a renowned approach which is used to reduce a document to its main ideas. It operates by preserving substantial information by creating a shortened version of the text. Text Summarization is categorized into Extractive and Abstractive. The size of data on the Internet has risen in an exponential manner over the past decade. Thus, the need for a solution emerges, that transforms this vast raw information into useful information which a human brain can understand. One such common technique in research that helps in dealing with enormous data is text summarization. Automatic methods. Extractive methods of summarization minimize the burden of summarization by choosing from the actual text a subset of sentences that are relevant. Although there are a ton of methods, researchers specializing in Natural Language Processing (NLP) are particularly drawn to extractive methods. Based on linguistic and statistical characteristics, the implications of sentences are calculated.

Text summarization is the process of creating a short, coherent, and fluent summary of a longer text document and involves the outlining of the text's major points. Text identification, interpretation and summary generation, and analysis of the generated summary are some of the key challenges faced in the process of text summarization.