Name: Ram Krishna Pudasaini
Roll No: 26
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Text summaries have been shown to be useful for natural language processing tasks such as question and answer or other related fields of computer science such as text classification and data retrieval. Summarizing helps them to learn the technique of taking out the most important ideas from a text.

The research paper titled "Text Summarizer Using NLP (Natural Language Processing)" was published in the IRE Journals, Volume 6, Issue 1. The article briefly describes several approaches and methods to obtain the summary of a text. Among all the approach described in this paper, the authors tries to focus more on the frequency based approach where they explain how Term Frequency Inverse Document Frequency Method(TF-IDF) is used for summarization of the text.The steps involved in text summarizer are Sentence and word tokenization and then calculating sentence score on the basis of TF-IDF score which is being used to select the most important sentences to retain the information and merge it to form a summary.

The paper concludes that automated summarization is in high demand due to the enormous amounts of information available online on the World Wide Web. Extractive summaries concentrate on selecting important passages, sentences, words, etc. from the primary text and connecting them into a concise form. The importance of critical sentences is concluded on the basis of analytical and semantic features of the sentences. The study was conducted in a single document and resulted in numerous publications. The report focuses on the technique of generating a brief description that comprises a few phrases that describe the key concepts of an article or section, known as abstractive summarization. The function is also included to naturally map the input order of words in a source document to the target sequence of words called the summary.