

AUTOMATIC TEXT SUMMARIZATION USING SENTENCE FEATURES: A REVIEW

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Abstract

With the continuing fast growth of information and data today, it has become more and more urgent and important to find proper information efficiently, with some improved mechanisms. Readers are overloaded with lengthy text documents where a shorter version would suffice. All computer users, be it professionals or novice users, are particularly affected by this predicament. Text Summarization is condensing the source text into a shorter version preserving its information content and overall meaning. A summarization method consists of selecting important sentences, paragraphs etc. from the original document and concatenating them into shorter form. Most of the research in automatic summarization has focused on extraction. When humans produce summaries of documents, they do not simply extract sentences and concatenate them, rather they create new sentences that are grammatical, that cohere with one another, and that capture the most salient pieces of information in the original document. This type of technique is abstractive summarization. The importance of sentences is decided based on statistical and linguistic features of sentences. This paper is a survey of text summarization aiming at giving an overview of the researches of this area.

Keywords: text summarization, extractive, abstractive, linguistic features.

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