حيدر احمد عبد الواحد
Dr. Hazim Jalel Hasan Supervisor

Design Agent for gathering information from set of document

Abstract

Determine the main goal: Before starting the process, the specific goals of the summary should be determined, including the desired length of the summary and the key information that must be preserved. Split the original text: Split the original text into smaller clips or samples to work with. These samples can be sentences, paragraphs, or larger passages, depending on the size and complexity of the original text. Apply the summarization process: Apply the summarization process to each sample of selected small texts. This process includes steps such as analyzing word frequencies, estimating the importance of sentences, and selecting key sentences. Evaluate results: After creating summaries, evaluate their quality based on criteria such as clarity, retention of essential information, and coherence. Use metrics such as degree of similarity to the original text or human quality rating. Process improvement: draw conclusions from the results obtained and adjust the summarization process and the volume of data used based on assessments and needs. By following these steps, the optimal amount of data required to produce an effective summary that efficiently achieves the set objectives can be determined.