ABSTRACT

Review the products are not only used for companies to marketing tools, consumer prior to purchase as well as a recommendation utilize product reviews before buying the product. But there are many reviews that often confuse the consumer to draw conclusions. Therefore made system that can create summaries have also been grouped into positive and negative categories.

In this thesis research to make product review summary using Latent Semantic Analysis (LSA) method. Before using LSA the existing dataset will be reprocessed to eliminate the noise available to simplify the subsequent processes. In the LSA there are three stages to go. First, making a matrix of words with sentences in a single document. Second, the decomposition of the previous matrix to identify the relationship pattern between existing terms and sentences and determine the similarity of words and sentences by using singular value decomposition. Third, choose the sentences that will be used to form the summary by using cross method or topic method.

Keywords : product review, extractive summarization , LSA, *singular value decomposition*