

Abstract

Opinion retrieval aims at finding relevant opinion to a particular topic. The comments section in blogs usually have most likely relevant opinion to the topic being discussed. Currently, there has been the development of opinion retrieval with relevance models known as comments-biased relevance models that consider the comments section of the blog to find relevant opinion. This final project is to implement methods of comments-biased relevance model for opinion retrieval. This method of expanding the original query entered by the words obtained from the relevance model derived from comments in a blog post. Then re-rank the search results to include the terms of the results from the query expansion. Evaluation of the system is done by using the Mean Opinion Score (MOS) was assessed based on the relevance of the document, opinion relevance, and accuracy of the ranking. The research results are obtained using the 354 documents that the system can retrieve relevant documents and relevant opinion in accordance with the inputted query with an average MOS score 3.85.

Keyword: *query expansion, relevance model, comments-biased, opinion retrieval*