

Abstract

Opinion retrieval is a process for obtaining documents based on query entered by user. Opinion retrieval is different from information retrieval which only pays attention to document relevance. In opinion retrieval, beside of retrieved documents should be relevant, opinions which contained in document should also be considered. So we need a method which is truly effective in determining retrieved documents, so the documents aren't only contained opinion, but opinion which is relevant to query.

In this final project, opinion retrieval system is implemented on Indonesian document collection using generation model, which is a opinion retrieval model uniting document relevance score with document opinion score using kuadratic combination. Problem solving is done in few stages, there are collecting data of document collection, determining list of sentiment words, document pre-processing, implementation, and then measure accuracy of the result.

Based on test result using Mean Opinion Score (MOS) method, opinion retrieval system which built using generation model can guarantee the results of opinion retrieval on Indonesian document with an accuracy of 91.2%.

Keyword: *opinion retrieval, information retrieval, generation model*