Abstract

Feature and opinions extraction is a way that can be used to find out the features and opinions of a review. A review can contain positive or negative opinion. However, not all words in a review is a feature or opinion, and also the number of the reviews make it more difficult to know the features and opinion of the review. Thus the required extraction of features and opinion that will facilitate in finding the features and opinions of a sentence review. Feature and opinions extraction is necessary for ease in finding the features and opinion words of a sentence review.

Several approaches can be used to extract features and opinion, such as association rule mining approach, unsupervised pattern mining, mutual reinforcement approach, opinion lexicon, and the pattern of knowledge [1]. In this final project the author uses pattern knowledge and opinion lexicon approach to make opinions sentence predictions, extracting features and opinions, and also determines the polarity or orientation of a review whether that is positive or negative and group it based on its features. By using this approach we will get the product features and the polarity of a sentence review of the product.

Keywords: Opinion, Features, Pattern knowldege, Opinion lexicon.