Abstract

This paper presents a method for an automatic collection of a corpus that can be used to train a sentiment classifier which determines whether an expression is neutral or polar. Depending on the words from the comments of online social networking platform, the human sentiment can be easily extracted, if we can make a machine to understand this extraction by defining some determined hypothesis. The automatic identification leads to enormous application domains for this machine readable sentiment concept. Microblogging web-sites are used here as rich sources of data for opinion mining and sentiment analysis which is tested on well-known training data sets. The results are significantly better than baseline that may suggest people regarding their specific interests based on their respective sentiment studies which can be extended to further business analysis to advice consumer about the negative impact of any issue subjected.
8. F. Sheet, “SAS ® Sentiment Analysis Automatically pinpoint sentiment from the Web and internal electronic documents to understand trends and develop effective strategies.”

**Index Terms**

Computer Science  
Information Sciences

**Keywords**

NLP, Sentiment Analysis, Opinion Mining, Machine learning