Abstract

Opinion mining or sentiment analysis analyses the text written in a natural language about a topic and classify them as positive negative or neutral based on the human’s sentiments, emotion, opinions expressed in it. Nowadays user reviews and comments on travels on the web are increasing day by day. These comments are useful for other users to make a decision in travel planning. The manual analysis of such huge number of reviews is practically impossible. To solve this problem an automated approach of a machine to mine the overall sentiment or opinion polarity form the reviews is needed. Opinion mining can be done at three different levels, which are document level, sentence level and aspect level. Most of the previous work is in the field of document or sentence level sentiment analysis. This paper focus on the aspect based opinion mining of restaurant reviews, i.e. given a set of reviews of a
restaurant we get a sentiment profile of its important features automatically. A different approach proposed for opinion mining which uses SentiWordNet, two word phrases and linguistic rules together for opinion mining.

References

- Peter D Turney, Thumbs up or thumbs down?: semantic orientation applied to unsupervised classification of reviews, In Proceedings of the 40th annual meeting on association for computational linguistics, Association for Computational Linguistics, 2002, pp. 417-424.
- Ohana, Bruno, and Brendan Tierney. Sentiment classification of reviews using SentiWordNet. 9th. IT & T Conference. 2009.
- http://sentiwordnet.isti.cnr.it/.
- www.tripadvisor.in/?

Index Terms

Computer Science

Information Science

Keywords

Opinion Mining  Sentiment Analysis  Aspect Based Opinion Mining  Tourism Domain

Aspect Extraction

Sentiwordnet.