Abstract

User generated media like blogs, discussion forums is used as a tool by people to communicate their experiences with others. Presence of such huge data on Internet demands proper means to generate processed information from the unstructured data. What users need is more than mere sentiments. They need to know public opinion or experience of various aspects of a product like how is camera quality of the phone or energy efficiency of electronic products. For meeting the high demands of users, various techniques have been proposed till date. In this paper we are evaluating, all these techniques that discover topic along with sentiment associated with it. Many models were proposed to incorporate sentiment analysis with topic model to find aspects of a product and users sentiment about the aspect. Results of these models can be beneficial for various industries as well as users.

References

- Fangtao Li, Minlie Huang, Xiaoyan Zhu, J. 2010 Sentiment Analysis with Global Topics and Local Dependency. In Proceedings of the Twenty-Fourth AAAI Conference on Artificial Intelligence (AAAI-10),1371-1376
Analysis of Techniques of Sentiment and Topic Detection


Index Terms

Computer Science

Pattern Recognition
Keywords
Aspect detection  sentiment analysis  topic modeling  opinion mining  latent Dirichlet allocation (LDA).