Abstract

User review of mobile application is valuable data that can be used by developer to improve their application or to build similar application. User can give feedback such as reporting errors, asking for new or improved feature, explain their experience of using certain feature and also praise or dispraise. User review or opinion data is very large in amount and difficult to analyze. It is time consuming and labour expensive to do it manually. Recent study has tried to extract product feature using word collocation. In this work, we try to improve the aspect extraction process by using only informative data. We took user opinion of 3 mobile application from application distribution platform. The experiment result indicate that our approach is able to improve the performance of collocation finding method.

References

1. D. Pagano and W. Maalej, "User feedback in the appstore: An empirical study," in In
2013 21st IEEE international requirements engineering conference (RE), 2013.


Index Terms

Computer Science Information Systems

Keywords

Aspect extraction; aspect-based sentiment analysis; collocation; naive bayes;