IEEE.org IEEE *Xplore* IEEE SA IEEE Spectrum More Sites Subscribe Donate Cart Create Account Personal Sign In

Browse My Settings Help Institutional Sign In

Institutional Sign In

All

ADVANCED SEARCH

Conferences > 2018 3rd International Confer...

Review on Sentiment Lexicons

Publisher: IEEE

Cite This PDF

Rajkumar S. Jagdale ; Vishal S. Shirsat ; Sachin N. Deshmukh **All Authors**

1 Cites in Paper

139 Full Text Views

Alerts

Manage Content Alerts

Add to Citation Alerts

Abstract

Document Sections

I. Introduction

II. Related Work

III. Conclusions

Authors

References

Citations

Keywords

Metrics

More Like This

Downl PDF

Abstract:
Sentiment lexicon is referred as Lexical Resource for sentiment analysis. It contains lexical units with their sentiment orientations. This paper introduces different sen... **View more**

Metadata

Abstract:
Sentiment lexicon is referred as Lexical Resource for sentiment analysis. It contains lexical units with their sentiment orientations. This paper introduces different sentiment lexicons with their explanations and state of art in the field of sentiment analysis and opinion mining. In Natural Language processing different kinds of lexicons plays important role in extracting useful information from text data. Lexicons are used in the pre-processing task which is a very important in text mining.

Published in: 2018 3rd International Conference on Communication and Electronics Systems (ICCES)

Date of Conference: 15-16 October 2018

DOI: 10.1109/CESYS.2018.8723913

Date Added to IEEE *Xplore*: 30 May 2019

Publisher: IEEE

ISBN Information:

Conference Location: Coimbatore, India

Contents

I. Introduction
In Natural Language Processing, Sentiment Analysis is most important application and being widely adopted by different types of organizations to extract insight from social media data and recognize the impact of social media on different brands and online products. Extraction of useful information

from text has been broadly studied and used to take necessary decision. To identify the sentiment analysis and text classification there are two main approaches. First one is the classifier-based approach in which Machine Learning techniques have been used and the second one is the lexicon- based approach in which sentiment lexicons - dictionaries of words with some labels specifying their sentiments or values used to identify sentiment of the given text. Both Approaches are insufficient to extract exact sentiment and have their pros and cons. This paper describes the lexicon-based approach and current state-of-the-art to sentiment analysis. After doing some literature review we got some conclusion that classifier-based approach is the central approach for sentiment analysis and opinion mining. In [1] used different features and trained the resultant vectors using Support Vector Machine, Naive Bayes and Maximum Entropy for 2000 documents of movie review corpus and was obtained 82.9% accuracy for unigram using SVM. While doing the literature review of Text classification and sentiment classification, text classification obtained the highest accuracy more than sentiment analysis classification.

Sign in to Continue Reading

Authors

References

Citations

Keywords

Metrics

More Like This

Sentiment Analysis of Text Reviewing Algorithm using Data Mining
2018 International Conference on Smart Systems and Inventive Technology (ICSSIT)
Published: 2018

The Impact of Feature Extraction on Multi-Source Sentiment Analysis
2021 10th International Conference on System Modeling & Advancement in Research Trends (SMART)
Published: 2021

Show More

IEEE Personal Account

CHANGE USERNAME/PASSWORD

Purchase Details

PAYMENT OPTIONS

VIEW PURCHASED DOCUMENTS

Profile Information

COMMUNICATIONS PREFERENCES

PROFESSION AND EDUCATION

TECHNICAL INTERESTS

Need Help?

US & CANADA: +1 800 678 4333

WORLDWIDE: +1 732 981 0060

CONTACT & SUPPORT

Follow

About IEEE *Xplore* | Contact Us | Help | Accessibility | Terms of Use | Nondiscrimination Policy | IEEE Ethics Reporting | Sitemap | IEEE Privacy Policy

A not-for-profit organization, IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity.

© Copyright 2024 IEEE - All rights reserved, including rights for text and data mining and training of artificial intelligence and similar technologies.

IEEE Account

» Change Username/Password

» Update Address

Purchase Details

» Payment Options

» Order History

» View Purchased Documents

Profile Information

» Communications Preferences

» Profession and Education

» Technical Interests

Need Help?

» **US & Canada:** +1 800 678 4333

» **Worldwide:** +1 732 981 0060

» Contact & Support

About IEEE *Xplore* | Contact Us | Help | Accessibility | Terms of Use | Nondiscrimination Policy | Sitemap | Privacy & Opting Out of Cookies

A not-for-profit organization, IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity.
© Copyright 2024 IEEE - All rights reserved. Use of this web site signifies your agreement to the terms and conditions.