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Sentiment analysis for Malay language : Systematic literature review (Conference Paper)

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Abstract

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Recent research and developments in Sentiment Analysis (SA) have simplified sentiment detection and classification from textual content. The related domains for these studies are diverse and comprise fields such as tourism, costumer review, finance, software engineering, speech conversation, social media content, news and so on. SA research and developments field have been done on various languages such as Chinese and English language. However, SA research on other languages such as Malay language is still scarce. Thus, there is a need for constructing SA research specifically for Malay language. To understand trends and to support practitioners and researchers with comprehension information with regard to SA for Malay language, this study exhibit to review published articles on SA for Malay language. From five online databases including ACM, Emerald insight, IEEE Xplore, Science Direct, and Scopus, 2433 scientific articles were obtained. Moreover, through the PRISMA (Preferred Reporting Items for Systematic Reviews and Meta-Analyses) Statement, 10 articles have been chosen for the review process. Those articles have been reviewed depend on a few categories consisting of the aim of the study, SA classification techniques, as well as the domain and source of content. As a result, the conducted systematic literature review shed some light about the starting point to research in term of SA for Malay language. © 2018 IEEE.

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Topic: Data mining | Classification (of information) | opinion words

Prominence percentile: 99.732 ⓘ

Author keywords

Classification Malay Opinion mining Sentiment analysis Sentiment mining

Indexed keywords

Engineering controlled terms: Classification (of information) Data mining Software engineering

Engineering uncontrolled terms: Classification technique English languages Malay Recent researches Research and development Scientific articles Sentiment detections Systematic literature review

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1 Maghilnan, S., Kumar, M.R.

Sentiment analysis on speaker specific speech data

(2018) *Proceedings of 2017 International Conference on Intelligent Computing and Control, I2C2 2017*, 2018-January, pp. 1-5.

ISBN: 978-153860374-1

doi: 10.1109/I2C2.2017.8321795

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2 Ahuja, S., Dubey, G.

Clustering and sentiment analysis on Twitter data

(2018) *2nd International Conference on Telecommunication and Networks, TEL-NET 2017*, 2018-January, pp. 1-5.

ISBN: 978-150906710-7

doi: 10.1109/TEL-NET.2017.8343568

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3 Vora, J., Chacko, A.M.

Sentiment analysis of tweets to identify the correlated factors that influence an issue of interest

(2018) *2nd International Conference on Telecommunication and Networks, TEL-NET 2017*, 2018-January, pp. 1-6.

ISBN: 978-150906710-7

doi: 10.1109/TEL-NET.2017.8343572

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