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Review on Natural Language Processing (NLP) and Its Toolkits for Opinion Mining and Sentiment Analysis (Conference Paper)

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Abstract

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As the majority of online networking on the Internet, opinion mining has turned into a fundamental way to deal with investigating such huge numbers of information. Different applications show up in an extensive variety of modern areas. In the interim, opinions have various pronunciations which bring along investigate challenges. The research challenges make opinion mining a dynamic research region recently. In this paper, Natural Language Processing (NLP) techniques for opinion mining and sentiment analysis are reviewed. Initially NLP is reviewed then briefed about its common and useful preprocessing steps also. In this paper opinion mining for various levels are analyzed and reviewed. At the end issues are identified and some recommendation are suggested for opinion mining and sentiment-Analysis. © 2018 IEEE.

SciVal Topic Prominence ⓘ

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

Prominence percentile: 99.731 ⓘ

Author keywords

natural language processing NLP Opinion mining sentiment analysis toolkits

Indexed keywords

Engineering controlled terms: Sentiment analysis

Engineering uncontrolled terms: Dynamic researches NATural language processing Opinion mining Pre-processing step Research challenges toolkits

Engineering main heading: Data mining

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