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Machine learning and neural network methodologies of analyzing social media
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Краткое описание
The rapid development of the Internet has led to a significant increase in the number of news sites and social networks that describe various events in the world and society. People actively share their opinions about various events in the world. Manually tracking and analyzing such a volume of information is not possible. So, in this way, the use of algorithms for automatic analysis of texts and user comments is an important feature. Published articles and user comments in most cases are of a certain emotional aspect. This article analyzes texts and user comments of Kazakhstan media space. Sentiment classification is done using machine learning algorithms and convolutional and recurrent neural networks (CNN and RNN). A comparative review of the obtained results was performed after the classification. © 2020 ACM.

Ключевые слова автора
CNN; Data processing; FastText; LSTM; Machine learning algorithms; Sentiment analysis; Social media; Stemming

Ключевые слова указателя
Learning algorithms, Learning systems, Social networking (online); Automatic analysis, Emotional aspect, Important features, Kazakhstan, Media spaces, Network methodologies, Sentiment classification, Social media; Recurrent neural networks

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