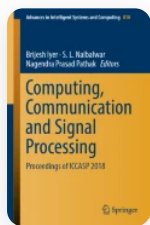


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# Sentence Level Sentiment Identification and Calculation from News Articles Using Machine Learning Techniques

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## Abstract

Sentiment analysis is a widely used phenomenon for analyzing online user responses to infer collective response and it is used in various applications. Negation is a very common morphological creation that affects polarity. This research paper focuses on sentence level negation identification from news articles this work uses online news articles Data from BBC news. Results are analyzed using Machine Learning Algorithms like Support vector

Machine and Naïve Bayes. Support Vector Machine achieves 96.46% accuracy and Naive Bayes achieves 94.16%.

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