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# Domain-Specific Fuzzy Rule-Based Opinion Mining

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## Abstract

Opinion mining's goal is to recognize the behavior or emotion of people. To encash human thoughts, views in spreading awareness through social media for positive changes in public interest like health, natural disaster, education, and many more. This paper is an attempt for driving social awareness among people relevant to drought. The proposed model considers opinion on drought related issues and predict the sentiment behind each view. The major issue while processing the opinion, view of candidate is about natural

fuzziness in-build in words expressed. This fuzziness in words actually helps to understand the depth of the word. So to encash the depth of the word fuzzy rule-based approach is proposed which reduces the computational complexity and increases the interpretability. The patterns allows the system to provide more precise result which is our work has been categorized in 6 major categories that is negative, moderately negative, highly negative, positive, moderately positive and highly positive. After applying this pattern we got more precise results for sentiment analysis.

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