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(57) Abstract :
Embodiments of the present disclosure relates to a system (100) and method (300) for implementing sentiment classification. In an aspect, the present disclosure discloses a system (102) for implementing sentiment classification by incorporating lexicon knowledge to enhance the accuracy, context sensitivity, and interpretability of sentiment analysis of text in various domains. The system (102) comprises a processor (202) coupled to a memory (204). The memory (204) stores processor-executable instructions. The processor (202) is configured to receive an input text from a user. Further, the processor (202) is configured to extract relevant linguistic features from the input text. Next, the processor (202) is configured to assign a sentiment score to one or more words in the received input text based on the extracted relevant linguistic features. In the end, the processor (202) is configured to classify a sentiment of the input text based on the extracted features and the sentiment score.

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