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(57) Abstract :
ABSTRACT My Invention Human Sentiment Analysis • is a Deep learning is applied to combined image, characteristic and text analysis of messages that include images, text and other required things. A convolutional neural network is trained against the images and a recurrent neural network against the text. A classifier predicts human response to the message, including classifying reactions to the image, to the text, and overall to the message. The Visualizations are provided of neural network analytic emphasis on parts of the images and text. Other types of media in messages can also be analyzed by a combination of specialized neural networks. This technique providing sentiment analysis and for presenting the results. The invented software, tools are provided in the form of an ready-made • Sentiment Widget, which is programmed to analyze sentiment for a particular topic, entity, or facet (e.g., characteristic of an entity). The invented software/hardware provides a Sentiment Analysis Engine, an and one or more user interface tools for presenting sentiment analysis.

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