Summary:

Survey on Sentiment Analysis Methods:

- Phrase Level Sentiment Analysis

  Focuses on mining opinion words at the phrase level and classifying them based on aspects.

  Useful for product reviews and identifying single or multiple aspects in a phrase.

- Hybrid Approach

  Utilizes multiple approaches to produce the optimum feature subset for sentiment analysis.

  Achieves excellent performance and accuracy.

- Task of Sentiment Analysis

Involves subjectivity classification as the first stage in sentiment analysis.

Recognizes subjective hints, emotional phrases, and subjective ideas.

- Lexicon Method Based Tools

  Utilizes pre-defined dictionaries to determine the polarity of texts based on opinion words.

- Support Vector Machine (SVM)

  Uses hyper-planes to analyze data and define decision limits for sentiment analysis.

- Maximum Entropy (ME)

Uses conditional exponential classifiers to encode labelled feature sets and compute feature weights.

- Review Analysis

Sentiment analysis is used in entertainment and travel industries to determine viewer response and improve client experiences.

- Customer Reviews

Sentiment analysis on hotel and restaurant reviews helps customers make better choices and owners to improve.

- Transfer Learning

Used to evaluate sentiment at the document level in different languages and domains.

- Deep Learning and Machine Learning

Transformer networks and BERT have revolutionized sentiment analysis in NLP.

- References

Provides a list of references for further reading on sentiment analysis research.