Sentimental Analysis Of Reviews in Hindi

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I. PROBLEM STATEMENT

Sentimental analysis on reviews of movies, products, etc. written in Hindi language. The reviews will be collected from Hindi websites and/or using google translate to translate reviews in English. Due to lack of pre-existing dataset on hindi reviews, creating a review dataset with each review tagged with the sentiment will be a significant part of our contribution.

II. MAJOR CHALLENGES

The resources available for Hindi Language are scarce. Some of the major challenges will be:
1. The collection of reviews to generate a dataset.
2. By using google translation for generating reviews, there is a high possibility of translation errors.
3. Lack of various resources such as lexicons, Part Of Speech Tagger, e.t.c. for Hindi language.

III. BRIEF REVIEW OF EXISTING MODEL

A.   Using Wordnet for building Subjective Lexicon [2][3]

They created a resource for Hindi Polarity Classification. They used Hindi WordNet to retrieve synonyms and antonyms of a given word in Hindi for which they knew the polarity and then assigned the similar polarity to synonyms and opposite polarity to antonyms.

B.   *Aspect based Sentiment Analysis[1]*

The focus of their work was to provide a benchmark setup for creating a dataset for aspect based sentiment analysis in Hindi, and then developing models for aspect term extraction and sentiment analysis for the effective usage of this dataset.

IV.REFERENCES

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