

# PROPOSED FEATURE BASED SENTIMENT ANALYSIS

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## **Abstract**

Sentiment analysis is the aim of many researchers in recent years. Actually, they want to propose an automatic method which is able to analyze appraisal, evaluations, opinion and emotions in the context. In this paper Ngram features vectors and POS (Part Of Speech) tags extract from the context. The process is to find a suitable combination of feature vectors in order to classify the comments in positive and negative classes. We use information gain ratio method to choose the best available features. Furthermore, we'll evaluate different kinds of features in sentiment analysis with the use of machine learning algorithms. In this work, we classify four groups of data which include film review, products review (consists of book, dvd, electronic). We could have gained a better result using features composition for support vector machine compared to BMNP problem.