Title	A Hybrid Approach of Sentiment based Algorithm for Computerized Opinion Analysis in the Context of Public University Admission System in Bangladesh
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Abstract

In this study of opinion analysis, we propose a new algorithm which takes the Public University Admission System in Bangladesh issue as the case study. This

study reviews previous approaches of opinion analysis to identify drawbacks and strengths in manual approach and procedures. This study proposes a hybrid approach of sentiment analysis including supervised machine learning algorithm and lexicon-based approach to overcome the drawbacks of manual approach. For the development of the algorithm, corpus data-store including keywords and machine learning approach's rule-based classifier's if-else method has been used which is able to categorize the given sentences by using the data store. On the basis of the algorithm, we develop a computerized approach for checking whether the algorithm is working or not. The evaluation on computerized opinion analysis approach indicates significantly better and effective results in comparison with the manual approach.

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