Automated Score Evaluation of Unstructured Text using Ontology

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10.5120/5079-7345

Abstract

One of the important endeavors of Computer Science is its dealing with data and performing different responsibilities regarding analysis. In this paper, an ontology based automated score evaluation of unstructured text in the domain of text mining is presented. The use of ontologies in this respect is not old. For this research, we have dealt with different approaches and have also represented those methods which provide less optimized score as compared to our finally opted method. For our experimental work, we have collected real answers of students and then compared them with the model answer. We have found that our ultimate approach gives much more optimized end result as compared to other approaches which were carried out throughout our delve process. Moreover, the efficiency of result depends on the ontologies stored in the dataset.

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Index Terms

Computer Science

Information Sciences

Keywords

Automated score evaluation  ontology  text data mining  unstructured text