Classifying Student's Learning Experience using Improved Apriori and CART

Abstract

Here in this paper a new of classifying Student’s learning experience on online social networks such as facebook, twitter is proposed which helps to find various issues and problems in their educational experiences. The existing technique implemented for the classification for the Student's learning experience provides multi-label classification to reflect various problems but fails to provide the improvement in accuracy, hence a new multi-label classification using improved Apriori algorithm is proposed which generates a set of candidate rules and finally classify Student's experience using Classification & Regression Tree. The proposed methodology implemented provides better results in comparison with an existing technique. The experimental results are performed and tested on various parameters such as precision and recall and final Score. The various student's learning experience and their classification is done here using Fuzzy-Apriori and CART provide and better way to final and issue problems in various fields.

References

Index Terms

Computer Science
Artificial Intelligence

Keywords

Online Social Network, Apriori algorithm, Fuzzy rules, Classification & Regression Tree, Decision Tree.