RESEARCH ARTICLE

Predicting Students Academic Performance Using Education Data Mining

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Abstract— Education Data Mining is a promising discipline which has an imperative impact on predicting students' academic performance. In this paper, student's performance is evaluated using association rule mining algorithm. Research has been done on assessing student's performance based on various attributes. In our study important rules are generated to measure the correlation among various attributes which will help to improve the student's academic performance. Experiment is conducted using Weka and real time data set available in the college premises.

Key Terms: - Educational Data Mining; Apriori algorithm; Association Rule Mining; Correlation coefficient

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