

Analyzing Tools and Techniques for Classification In Educational Data Mining: A Survey

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Abstract : Educational Data Mining (EDM) is one of the newest topics to emerge in recent years, and it is concerned with developing methods for analyzing various types of data gathered from the educational circle. EDM methods and techniques with machine learning algorithms are used to extract meaningful and usable information from huge databases. For scientists and researchers, realistic applications of Machine Learning in the EDM sectors offer new frontiers and present new problems. One of the most important research areas in EDM is predicting student success. The prediction algorithms and techniques must be developed to forecast students' performance, which aids the tutor, institution to boost the level of student's performance. This paper examines various classification techniques in prediction methods and data mining tools used in EDM.

Keywords : classification technique, data mining, EDM methods, prediction methods

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