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**Analysis & Prediction of student’s behaviour by using classification data mining techniques to find factors influencing student’s performance**

**Abstract-**Students opting engineering as their disciple is increasing rapidly. But due to various factors and inappropriate primary education in India dropout rates are high. Students are unable to excel in core engineering subjects which are complex and mathematical, hence mostly get drop / keep term (kt) in that subject. With the help of data mining techniques we can predict the performance of students in terms of grades and dropout for a subject. In This project we compares various classification data mining techniques such as naïve Bayes, LibSVM, J48, random forest, and JRip and try to choose one of them as per our needs and their accuracy. Based on the rules obtained from this technique(s), we derive the key factors influencing student performance.

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