Prediction of Study Track using Decision Tree and Aptitude Test

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Abstract

In order to succeed in the competitive environment it is essential to be successful in academics. The basic education is from 1st to 10th standard and once 10th standard is complete there are various courses that can be selected by the students such as Science, Commerce, Arts and Diploma. It becomes difficult to identify the suitable stream. The proposed system can be used to solve the problem. The proposed system implements two methods to generate solution. The Aptitude Test predicts the suitable stream depending upon the intellectual capability of the student. Apart from this prediction is done depending on the ssc marks obtained by the student. The combination of these two methods is also implemented to get more accurate results. The proposed system not only predicts the stream but also specifies the colleges for the predicted stream depending upon the location of student and also gives information about vocational courses that the student can pursue after 10th.

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**Keywords**

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