Abstract

Nowadays, the choice of colleges for higher studies plays an important role in decision making for parents and students. The views of parents and students differ because of updated technology and societal interferences amongst them. Also, the choice differs based on the social life led by them. This study analyses the factors that influence the admissions in colleges in suburban areas. The study projects the view of the parents and students in selecting the college in suburban areas. A real-time data is surveyed separately from parents and students. Separate statistical inferences from the responses are tabulated. A comparative study is made between the responses received from parents and students using the statistical descriptive frequencies. A decision tree is drawn which helps to identify the factors that commonly influence both parents and students by using data mining tool.

References

1. writing.colostate.edu/guides/research/survey/
2. www.tutorialspoint.com/data_mining/dm_dti.htm
7. Edin Osmanbeoric, Mirza suljic, “Datamining approach for predicting student performance”, Research Gate, May 2012,

**Index Terms**

Computer Science

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**Keywords**

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