A Parent-Student Perspective View in Selecting the College in Suburban Area

International Journal of Computer Applications
Foundation of Computer Science (FCS), NY, USA

Volume 166

Number 10

Year of Publication: 2017

Authors:

C. Victoria Priscilla, M. Mahadevi

10.5120/ijca2017914124

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

**Index Terms**

Computer Science 

Artificial Intelligence

**Keywords**

Survey, suburban, statistical descriptive frequencies, decision tree, data mining