Abstract

In the last two decades, number of Higher Education Institutions (HEI) grows rapidly in India. This causes a cut throat competition among these institutions while attracting the student to get admission in these institutions. Most of the institutions are opened in self finance mode, so all time they feel short hand in expenditure. Therefore, institutions focused on the strength of students not on the quality of education. Indian education sector has a lot of data that can produce valuable information. Knowledge Discovery and Data Mining (KDD) is a multidisciplinary area focusing upon methodologies for extracting useful knowledge from data and there are several useful KDD tools to extract the knowledge. This knowledge can be used to increase the quality of education. But educational institution does not use any knowledge discovery process approach on these data. Now-a-day a new research community, educational data mining (EDM), is growing which is intersection of data mining and pedagogy. In this paper we present the data mining method for enrollment management for MCA course.

References

- Fayadd, Piatesky, G. Shapiro, and P. Smyth, From data mining to knowledge discovery in databases, AAAI Press / The MIT Press, Massachusetts Institute Of Technology.
Data Mining Application in Enrollment Management: A Case Study

- Alaa el-Halees, "Mining students data to analyze e-Learning behavior: A Case Study"; 2009.
- Oladipupo O O and Oyelade O J, "Knowledge Discovery from student's result repository: Association rule mining Approach"; IJCSS vol. (4) Issue(2).

Index Terms

Computer Science

Information Sciences
Keywords
Data Mining  Knowledge Discovery  Higher Education  Enrollment Management  Id3  Decision Tree