Abstract

Educational data mining is concerned with the development methods for exploring the unique types of data that come from the educational context. Furthermore, educational data mining is an emerging discipline that concerned with the developing methods for exploring the unique types of data that come from the educational context. This study focuses on the way of applying data mining techniques for higher education system by using the most common techniques on most common application called Moodle system in education system. There are an increasing numbers of researches that interest in using data mining in education system. The proposed system for Higher Educational Data Mining System (HEDMS) is concerned with the developing methods that discover useful knowledge from data that extracted from educational system. The data collated form historical and usage data reside in the databases of educational institutes. The proposed system helps to get sufficient results which consist of several steps in our case study starting with collected data, pre-processing, applying data mining techniques and visualization results. We collected students’ data from Moodle database.

References
A Proposed Data Mining Framework for Higher Education System

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Index Terms

Computer Science

Information Science

Keywords

Moodle  VLE  LMS  MLE  EDM  DSS  DM  MIS  Clustering  Classification  Association Rule

K-Mean

Olapand Visualization