Results and Placement Analysis and Prediction using Data Mining and Dashboard

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Abstract

In educational institutes a huge amount of data is being generated. The produced data does not provide enough information which obscures important details of data that may help in better understanding of available data and its utility. If the data is analyzed efficiently, it can provide many insights, specific information regarding various facets of data which can be useful in a multiple ways. Analysis of data plays a very important role in understanding of information from a given set of data. Analysis of data can be performed using various data mining algorithms which help them to take decisions or arrive at a conclusion with the help of available data. This paper limits implementation of an efficient decision making system which will enable the college to analyze the results and placement of its institute. The main objective of this system is to generate query specific reports of the academic performance of a group of students or a student in particular which helps in evaluating student's potential strengths and weakness with respect requirements of various companies for placement, which assists in understanding of placement trends. Dashboard representation provides a platform to prospect the overall performance of the system.
References


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Computer Science Information Sciences

Keywords
Classification, Data Mining, Result and Placement Analysis, ID3, Prediction.