An Admission Decision Support System for Nigerian Universities

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Abstract

Data mining is an essential step in the process of knowledge discovery. It is a process that analyses large observational data sets to find relationships within them and to summarize this data into useful information. In this paper, a Decision Support System (DSS) is developed using an Iterative Dichotomizer (ID3) algorithm. The system is designed to help Nigerian universities in enrolling students. The proposed system will increase the accuracy and speed of their admission system. The test and evaluation the system has shown promising results with an Accuracy factor of approximately 92%.

References


Index Terms

Computer Science Information Sciences

Keywords

Decision Support System; Decision tree; Classification; ID3 algorithm