Abstract

The application of data mining algorithms requires the use of powerful software tools. As the number of available tools continues to grow, the choice of the most suitable tool becomes increasingly difficult. This paper presents the basic data mining techniques i.e., naive Bayesian tree, Ripple DOwn Rule, naive Bayes and decision tree algorithm J48 for classifying in medical databases. The goal of this paper is to provide a comprehensive of different classifying techniques in data mining. To evaluate the performance of the above techniques recall, precision and accuracy measures are applied.

References

University Press, pp. 1-562.

**Index Terms**

Computer Science

Data mining

naïve Bayesian tree

RIpple DOwn Rule

naïve Bayes

J48

**Keywords**

Data mining naïve Bayesian tree RIpple DOwn Rule naïve Bayes J48