Abstract

Data Analysis can be categorized into two forms. One is used for extracting models describing important classes; another is to predict future trends. Data classification can be used to generate models which are further used to predict the unknown classes. The accuracy of the models can be examined by checking the percentage of correctly classified instance. Lot of classification algorithms is available nowadays. One of the most commonly used algorithms is decision tree because of its simplicity of implementation and easier to understand when compared to other classification algorithms. J48 is the one of the effective classification method. In this paper, J48 algorithm is applied for analyzing student dataset which includes academic year, department, academic grade and job position.


**Index Terms**

Computer Science  
Databases

**Keywords**

Data mining, Classification Techniques, Student Database