The main objective of this study is to create a fast, easy and an efficient algorithm for disease prediction, with less error rate and can apply with even large data sets and show reasonable patterns with dependent variables. For disease identification and prediction in data mining a new hybrid algorithm was constructed. The Disease Identification and Prediction (DIP) algorithm, which is the combination of decision tree and association rule is used to predict the chances of some of the disease hits in some particular areas. It also shows the relationship between different parameters for the prediction. To implement this algorithm using vb. net software was also developed.

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Index Terms

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association rule  clustering  decision tree  multidimensional data