Abstract

In this paper we have implemented data mining on a given data set using a fast modified constructive covering algorithm (MCCA by Di Wang and Narendra. S. Chaudhari) based on the concept of binary multi-layer neural networks. Earlier MCCA technique is used in the purpose of two class problem but in this paper, we have implemented it for multi-class problem and including this we have also compare the performance of our system over preprocessed and non-preprocessed dataset using feature reduction techniques like PCA and Min-Max Normalization.

Reference


Index Terms
Computer Science
Data Mining

Key words
Multiclass Classification Problem
Feature reduction techniques
Neural network