A Fast Modified Constructive Covering Algorithm for Multiclass Classification Problem in Data Mining

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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.