

PERFORMANCE EVALUATION OF DATA CLASSIFICATION USING CONVENTIONAL CLASSIFIERS

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ABSTRACT

Accuracy of data classification strongly depends on the dataset used for learning. High dimensional datasets often suffer from the 'Curse of dimensionality' problem which degrades the accuracy and performance of the classification models. Feature selection is an important step in building an effective and efficient classifier. In this paper, performances for Eucalyptus and Fruit data classification of popular classifiers are compared qualitatively.

KEYWORDS: Data Mining, Classification, Performance Evaluation