ABSTRACT

Various invention in data collecting and storing technique, have enabled us to collect big amount of data, and of course we can take benefit from the data we have collected for many purpose

One way to extract important or interesting pattern from big amount of data is by using data mining methods, one of it is classification.

In this final project we implement SPRINT classification algorithm which is capable of handling big amount of data, and we analyze it's performance in the case of accuracy, classification time, size of decision tree, scalability and compare it with J4.8 algorithm. As the result it is proved that SPRINT is able to classify big amount of data and yield a simple and comprehensible decision tree.

Keyword : data mining, classification, decision tree, scalable.