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.

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