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**ID3 Implementation Algorithm**

A very briefed overview of the system that implements this ID3

algorithm in Java

->This project is developed in Java using Eclipse IDE and it is intended to generate a decision tree based on the given input dataset and a input partition file.

->It asks user input dataset, partition and output files which needs to be generated and generates output partition corresponding to the input given.

->It does make a partition according to feature value and splits that node of the decision tree.

->While splitting, it takes maximum F value of all the intermediate into account and based on that maximum value; it will split that node depending upon number of features pertaining to it.