Abstract

The approach stated in this paper mainly focuses on generating optimized rules in fragment based association mining using genetic algorithm. We call this approach as Genetic based Fragment Rule Mining. We designed a novel method for generation of optimized rule. In which a Fragment mining is used to generate the rules on which we use the optimization mechanism. This deals mainly with reducing the time and space complexity required in processing the data using fragment mining & generate strong rules using genetic algorithm. The results reported in this paper are very promising since the discovered rules are of optimized rules.

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