

IMPLEMENTATION AND EVALUATION OF OPTIMAL ALGORITHMS BASED ON DECISION TREE & CLUSTERING ALGORITHMS

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ABSTRACT

This research delineates a comprehensive and successful application of decision tree induction to large mobile environment data set of different services obtained by numbers of customers. Complex interaction effects among services that lead to increased usage variability have been detected. The extracted information has been confirmed by the database managers, and used to improve the decision process. The research suggests that decision tree induction may be particularly useful when data is multidimensional, and the various process parameters and highly complex interactions.

KEYWORDS: Data Mining, Traditional Algorithms, Decision Process