

عنوان مقاله:

A Cluster Base Fuzzy Multi Objective Rule Mining Using Metaheuristic Optimization Algorithm

محل انتشار:

دومین همایش ملی پژوهش های کاربردی در علوم کامپیوتر و فناوری اطلاعات (سال: 1393)

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خلاصه مقاله:

The discovery of generalized fuzzy association rules is a very important data-mining task, because more general and qualitative knowledge can be uncovered for decision making. In this paper, we present an efficient method named cluster-based fuzzy rule mining using genetic algorithm. This method creates cluster-based fuzzy-sets tables by scanning the database once, and then clustering the transaction records to the k-th cluster table, where the length of a record is k. clustering Based on the information stored in the table, less contrast and database scans are required to .calculation association rule. Association rules extract using multi objective genetic algorithm

کلمات کلیدی:

Association Rule; Metaheuristic Algorithm; Clustering, Fuzzy, Data mining

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