Abstract

In recent days, there is more interest in mutually dependent item sets rather than frequent pattern sets for applications in specific domains viz. identification of irregularities in stock marketing, assessing the causes in certain diseases, identifying irregularities in farming system etc. This paper focuses on the mining of mutual relationship among various item sets. An efficient algorithm to identify mutual relationship in Inter Disciplined Independent Variables (IDIV) has been proposed. The effectiveness of the algorithm has been assessed on real world data set related to socio-economic conditions of farming system.

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**Index Terms**

Computer Science  
Information Sciences

**Keywords**

Mining Mutual Relationship  
Rule Based Data Mining  
Socio-economic Conditions  
Idiv