Abstract

The premise of this paper is to use an efficient encoding scheme which will be used to encode high level concept hierarchy of a transactional table. This table will work as the base to generate multiple level association rules. These rules discovers the hidden knowledge align at higher level of abstraction. Therefore the numeric encoding of the concept hierarchy improves the time complexity and space complexity of task relevant data.

References

- Pietro Hiram Guzzi, Marianna Milano and Mario Cannataro, Mining association rules from gene ontology and protein networks: promises and challenges. In Proceeding 14th


- Han, J.: Mining knowledge at multiple concept levels. Proc. 4th Int’apos; Conf. on Information and Knowledge Management (CIKM’apos;95), Baltimore, Maryland, Nov. (1995) 19–24.


**Index Terms**

Computer Science  
Information Sciences
Keywords

Concept hierarchy  Encoding scheme  Transaction databases.