



Mining Association rules for Frequent Pattern and Data Cubing

Dr. Vaka Murali Mohan*, **Sri Lakshmi, V.**, **Ashok Reddy, K.**,
Bharth.G., **Nishanth Chakravarthy, K** and **Dr. Srinivasa Rao, K.**

TRR College of Engineering, Inole (v), Patncheru (m), Medak (Dt), AP, INDIA

Keywords

Frequent Pattern;
FP-tree;
Data Cubing;
BUC;
C-Cubing;
MM-Cubing and
Star-Cubing;
Frag-Cubing

Abstract: Frequent pattern mining and Data cubing is presented by using mining association rules is presented in this paper. Data cubing is process of computing the set of all possible group-by's from a base table. Data cubing is implemented in C-Cubing: MM-Cubing and Star-Cubing; Frag-Cubing. Three approaches of cubing in terms of the order to materialize cells: top-down, bottom-up and a mix of both. BUC is "Bottom-Up Computation" of full data cubes or iceberg cubes. It uses the so-called Apriori concept to compute iceberg cubes is presented in this paper. A frequent pattern tree is the short information about frequent patterns. An FP-tree-based pattern fragment growth mining method starts from a frequent length-1 pattern, examines only its conditional pattern base, constructs its FP-tree, and performs mining recursively with such a tree is presented