

A DATA MINING APPROACH FOR ASSOCIATION RULE FROM XML DATA USING XQUERY

PADMAVALLI MESA

Department of Computer Science and Applications, Sri Krishnadevaraya University, Anantapur, Andhra Pradesh, India

ABSTRACT

Data Mining refers to extracting or “Mining” knowledge from large amounts of data. Today’s Industrial scenario is having manifold of data which is data rich and information poor. The information and knowledge gained can be used for applications ranging from business management, production control, and market analysis, to engineering design and science exploration. Data Mining can be viewed as a result of natural evolution of information technology.

Association rule mining finds interesting association among a large set of data items. With massive amounts of data continuously being collected and stored. Many industries are becoming interested in mining association rules from their databases. The discovery of interesting association relationships among huge amounts of business transaction records can help in many business decision making process, such as catalogue design, cross marketing, and loss leader analysis. The paper rounds off with conclusions and an agenda for future research in this area.

KEYWORDS: Large Itemset, Candidate, Minimum Support (Minsup), Minimum Confidence (Minconf)