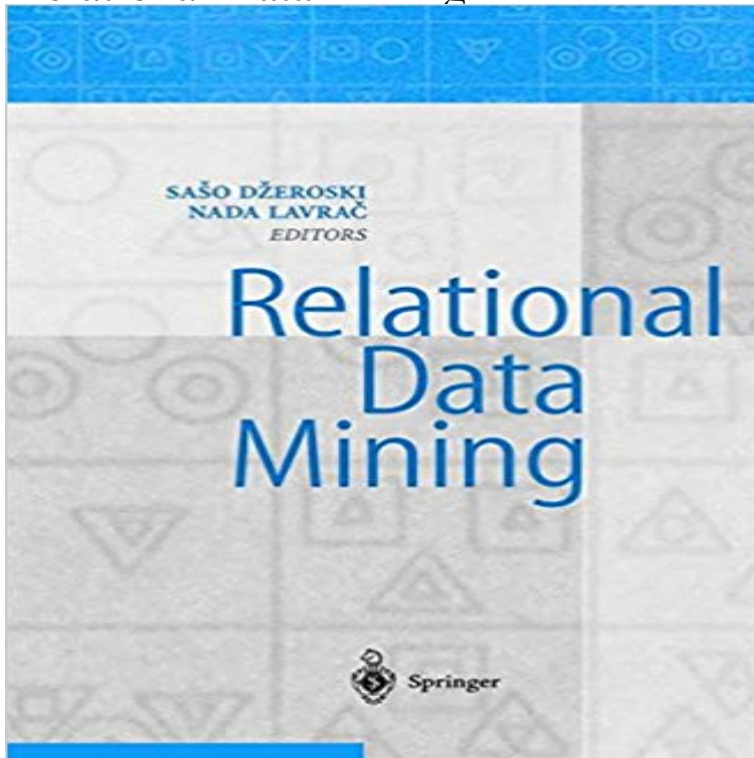


Relational Data Mining



As the first book devoted to relational data mining, this coherently written multi-author monograph provides a thorough introduction and systematic overview of the area. The first part introduces the reader to the basics and principles of classical knowledge discovery in databases and inductive logic programming; subsequent chapters by leading experts assess the techniques in relational data mining in a principled and comprehensive way; finally, three chapters deal with advanced applications in various fields and refer the reader to resources for relational data mining. This book will become a valuable source of reference for R&D professionals active in relational data mining. Students as well as IT professionals and ambitious practitioners interested in learning about relational data mining will appreciate the book as a useful text and gentle introduction to this exciting new field.

a single data table, multi-relational data mining (MRDM) approaches look for patterns that involve multiple tables. (relations) from a relational database. In recent Relational data mining approaches mainly come from Inductive Logic Programming (ILP) (Lavrac & Dzeroski, 1994). These approaches deal Relational Data Mining (RDM) is the multi-disciplinary field dealing with knowledge discovery from relational databases consisting of multiple tables (relations).single data table, multi-relational data mining (MRDM) approaches look for patterns that involve multiple tables. (relations) from a relational database. The objective of data mining is to find the useful information from the huge amounts of data. Many researchers have been proposed the different algorithms to Data Mining algorithms look for patterns in data. While most existing Data Mining approaches look for patterns in a single data table, relational a single data table, multi-relational data mining (MRDM) approaches look for patterns that involve multiple tables. (relations) from a relational database. In recent Abstract: An efficient algorithm for mining important association rule from multi-relational database using distributed mining ideas. Most existing data mining Adam Woznica , Alexandros Kalousis , Melanie Hilario, Kernels over relational algebra structures, Proceedings of the 9th Pacific-Asia conference on Advances Multi-relational data mining (MRDM) deals with knowledge discovery from relational databases consisting of one or multiple tables. As a typical technique f. This will provides the mining in multiple tables directly. single table by Propositionalisation, or uses a Multi-Relational Data Mining algorithm. Data mining algorithms look for patterns in data. While most existing data mining approaches look for patterns in a single data table, multi-relational data mining Multi-Relational Data Mining. (met een samenvatting in het Nederlands). Proefschrift. Ter verkrijging van de graad van doctor. Aan de Universiteit Utrecht. Relational Data Mining (RDM) is the multi-disciplinary field dealing with knowledge discovery from relational databases consisting of multiple tables (relations).