1. Record Nr. UNINA9910132217603321 Autore Ahlemeyer-Stubbe Andrea Titolo A practical guide to data mining for business and industry / / Andrea Ahlemeyer-Stubbe, Shirley Coleman Chichester, England:,: Wiley,, 2014 Pubbl/distr/stampa ©2014 **ISBN** 1-118-76337-8 1-118-76370-X 1-118-76372-6 Edizione [1st edition] Descrizione fisica 1 online resource (325 p.) 006.3/12 Disciplina Soggetti Data mining Marketing - Data processing Management - Mathematical models Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Includes bibliographical references and index. Nota di bibliografia Nota di contenuto A Practical Guide to Data Mining for Business and Industry: Copyright: Contents: Glossary of terms: Part I Data Mining Concept: 1 Introduction: 1.1 Aims of the Book; 1.2 Data Mining Context; 1.2.1 Domain Knowledge: 1.2.2 Words to Remember: 1.2.3 Associated Concepts: 1.3 Global Appeal; 1.4 Example Datasets Used in This Book; 1.5 Recipe Structure; 1.6 Further Reading and Resources; 2 Data mining definition; 2.1 Types of Data Mining Questions; 2.1.1 Population and Sample; 2.1.2 Data Preparation; 2.1.3 Supervised and Unsupervised Methods; 2.1.4 Knowledge-Discovery Techniques 2.2 Data Mining Process2.3 Business Task: Clarification of the Business Question behind the Problem; 2.4 Data: Provision and Processing of the Required Data; 2.4.1 Fixing the Analysis Period; 2.4.2 Basic Unit of Interest; 2.4.3 Target Variables; 2.4.4 Input Variables/Explanatory Variables; 2.5 Modelling: Analysis of the Data; 2.6 Evaluation and Validation during the Analysis Stage; 2.7 Application of Data Mining Results and Learning from the Experience; Part II Data Mining Practicalities: 3 All about data: 3.1 Some Basics: 3.1.1 Data.

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Sommario/riassunto

Data mining is well on its way to becoming a recognized discipline in the overlapping areas of IT, statistics, machine learning, and AI. Practical Data Mining for Business presents a user-friendly approach to data mining methods, covering the typical uses to which it is applied. The methodology is complemented by case studies to create a versatile reference book, allowing readers to look for specific methods as well as for specific applications. The book is formatted to allow statisticians, computer scientists, and economists to cross-reference from a particular application or method