Data Mining Tools for Business Intelligence







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Wilfried Grossmann, Stefanie Rinderle-Ma

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use of the different data mining techniques and a related Web site features data sets exercise solutions PowerPoint slides and case solutions Data Mining for Business Intelligence Second Edition is an excellent book for courses on data mining forecasting and decision support systems at the upper undergraduate and graduate levels It is also a one of a kind resource for analysts researchers and practitioners working with quantitative methods in the fields of business finance marketing computer science and information technology Data Mining and Business Intelligence Mohit Thakkar, 2018-03-27 It often happens that when we try to study a subject for some examination or a job interview we just don t find the right content The problem with the reference books is that they are too descriptive for last moment studies Whereas the problem with local publications is that they are inaccurate as compared to the reference books This particular book encapsulates the subject notes on Data Mining Business Intelligence and Data Mining Anil K. Maheshwari, 2014-12-30 Data Analytics and Data based Decision making are hot topics now Big Data has entered the common parlance Many kinds of data are generated by business social media machines and more Organizations have a choice they can be buried under the avalanche of data or they can do something with it to increase competitive advantage A new field of Data Science is born and Data Scientist has been called the sexiest job of the decade Students across a variety of academic departments including business computer science statistics and engineering are attracted to the idea of discovering new insights and ideas from data This is a proposal for a short and lucid book on this whole area It is designed to provide a student with the intuition behind this evolving area along with a solid toolset of the major data mining techniques and platforms all within a single semester or guarter long Fundamentals of Business Intelligence Wilfried Grossmann, Stefanie Rinderle-Ma, 2015-06-02 This book presents a course comprehensive and systematic introduction to transforming process oriented data into information about the underlying business process which is essential for all kinds of decision making To that end the authors develop step by step models and analytical tools for obtaining high quality data structured in such a way that complex analytical tools can be applied The main emphasis is on process mining and data mining techniques and the combination of these methods for process oriented data After a general introduction to the business intelligence BI process and its constituent tasks in chapter 1 chapter 2 discusses different approaches to modeling in BI applications Chapter 3 is an overview and provides details of data provisioning including a section on big data Chapter 4 tackles data description visualization and reporting Chapter 5 introduces data mining techniques for cross sectional data Different techniques for the analysis of temporal data are then detailed in Chapter 6 Subsequently chapter 7 explains techniques for the analysis of process data followed by the introduction of analysis techniques for multiple BI perspectives in chapter 8 The book closes with a summary and discussion in chapter 9 Throughout the book mostly open source tools are recommended described and applied a more detailed survey on tools can be found in the appendix and a detailed code for the solutions together with instructions on how to install the software used can be found on the accompanying website Also all concepts presented are illustrated and selected examples and exercises are provided

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