Data Mining

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出版者:Wiley-IEEE Press

出版时间:2002-10-25

装帧:Paperback

isbn:9780471228523

A comprehensive introduction to the exploding field of data mining We are surrounded by data, numerical and otherwise, which must be analyzed and processed to convert it into information that informs, instructs, answers, or otherwise aids understanding and decision-making. Due to the ever-increasing complexity and size of today's data sets, a new term, data mining, was created to describe the indirect, automatic data analysis techniques that utilize more complex and sophisticated tools than those which analysts used in the past to do mere data analysis. Data Mining: Concepts, Models, Methods, and Algorithms discusses data mining principles and then describes representative state-of-the-art methods and algorithms originating from different disciplines such as statistics, machine learning, neural networks, fuzzy logic, and evolutionary computation. Detailed algorithms are provided with necessary explanations and illustrative examples. This text offers guidance: how and when to use a particular software tool (with their companion data sets) from among the hundreds offered when faced with a data set to mine. This allows analysts to create and perform their own data mining experiments using their knowledge of the methodologies and techniques provided. This book emphasizes the selection of appropriate methodologies and data analysis software, as well as parameter tuning. These critically important, qualitative decisions can only be made with the deeper understanding of

parameter meaning and its role in the technique that is offered here. Data mining is an exploding field and this book offers much-needed guidance to selecting among the numerous analysis programs that are available.

作者介绍:

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标签

数据挖掘

人工智能

DataMining

评论

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书评

今天收到书非常开心，排版和纸张不错，读完一章感觉翻译还比较流畅。虽然现在的研究方向不是数据挖掘，但因为兴趣以前看过几本数据挖掘的书。相比Han的数据挖掘概念与技术，感觉这本书更适合自学，相关概念算法描述更为通俗化。就比如Apriori算法，Han的书有一堆偏学术...

数据挖掘越来越热，一本翻译良好、且条理清晰的书对读者详细理解数据挖掘相关知识非常重要。这里对笔者读过的清华大学出版社的《数据挖掘：概念、模型、方法和算法》（第2版）一书做出一点自己的评价。供希望学习数据挖掘的读者参考（若有措辞不当，还请见谅）。 在介绍之前，...

我看过了 我看...

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