

FOURTH EDITION

# DATA MINING

Practical Machine Learning  
Tools and Techniques



Ian H. Witten · Eibe Frank · Mark A. Hall · Christopher J. Pal

# Data Mining Practical Machine Learning Tools And Techniques

**Ensheng Dong**



## **Data Mining Practical Machine Learning Tools And Techniques:**

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*Data Mining* Ian H. Witten,Eibe Frank,2005-07-13 *Data Mining Second Edition* describes data mining techniques and shows how they work The book is a major revision of the first edition that appeared in 1999 While the basic core remains the same it has been updated to reflect the changes that have taken place over five years and now has nearly double the references The highlights of this new edition include thirty new technique sections an enhanced Weka machine learning workbench which now features an interactive interface comprehensive information on neural networks a new section on Bayesian networks and much more This text is designed for information systems practitioners programmers consultants developers information technology managers specification writers as well as professors and students of graduate level data mining and machine learning courses Algorithmic methods at the heart of successful data mining including tried and true techniques as well as leading edge methods Performance improvement techniques that work by transforming the input or output

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*Practical Applications of Computational Biology and Bioinformatics, 12th International Conference* Florentino Fdez-Riverola,Mohd Saberi Mohamad,Miguel Rocha,Juan F. De Paz,Pascual González,2018-08-16 This book introduces the latest international research in the fields of bioinformatics and computational biology It includes various

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*Advances in Artificial Intelligence and Applied Cognitive Computing* Hamid R. Arabnia, Ken Ferens, David de la Fuente, Elena B. Kozerenko, José Angel Olivas Varela, Fernando G. Tinetti, 2021-10-14 The book presents the proceedings of two conferences The 22nd International Conference on Artificial Intelligence ICAI 20 and The 4th International Conference on Applied Cognitive Computing ACC 20 The conferences took place in Las Vegas NV USA July 27 30 2020 and are part of the larger 2020 World Congress in Computer Science Computer Engineering neural networks brain models cognitive science natural language processing fuzzy logic and soft computing ICAI and novel computationally intelligent algorithms bio inspired cognitive algorithms modeling human brain processing systems ACC and more Authors include academics researchers and professionals Presents the proceedings of two conferences as part of the 2020 World Congress in Computer Science Computer Engineering Includes the tracks artificial intelligence and applied cognitive computing Features papers from the 22nd International Conference on AI ICAI 20 and the 4th International Conference on Applied Cognitive Computing ACC 20

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Jin Hui Wu, Mao Tai Zhao, Wu Bo, 2012-02-10 Selected peer reviewed papers from the 2012 International Conference on Intelligent System and Applied Material GSAM 2012 January 13 15 2012 Taiyuan Shanxi China **Component and Systems Diagnostics, Prognosis, and Health Management**, 2002 **GECCO 2005** Hans-Georg Beyer, 2005

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