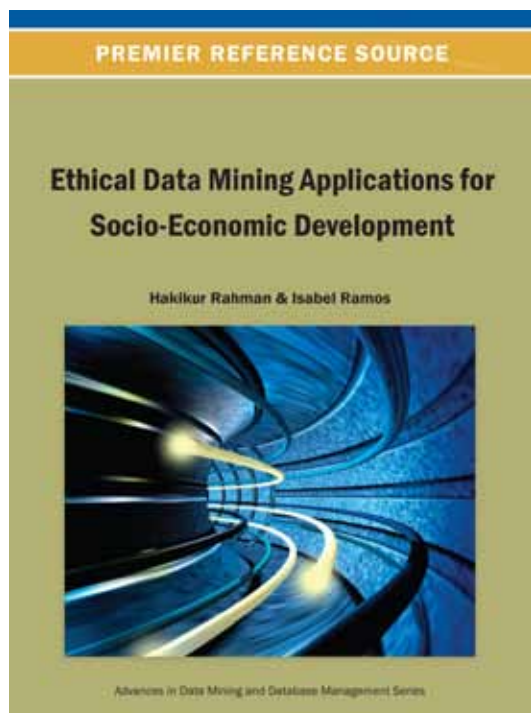


An Excellent Addition to Your Library!

Released: May 2013

Ethical Data Mining Applications for Socio-Economic Development



Hakikur Rahman (Institute of Computer Management & Science, Bangladesh) and Isabel Ramos (University of Minho, Portugal)

Organizations that utilize data mining techniques can amass valuable information on clients' habits and preferences, behavior patterns, purchase patterns, sales patterns, and stock forecasts.

Ethical Data Mining Applications for Socio-Economic Development provides an overview of data mining techniques under an ethical lens, investigating developments in research, and best practices, while evaluating experimental cases to identify potential ethical dilemmas in the information and communications technology sector. The cases and research in this book will benefit scientists, researchers, and practitioners working in the field of data mining, data warehousing, and database management to ensure that data obtained through web-based investigations is properly handled at all organizational levels. This book is part of the Advances in Data Mining and Database Management series collection.

Topics Covered:

- Artificial Intelligence
- Computer Science Research
- Data Preservation
- Database Maintenance
- Information Privacy
- Information Technologies
- Intelligent Decision Making
- Preservation of Confidentiality
- Public vs. Private Research
- Research Availability

ISBN: 9781466640788; © 2013; 359 pp.

Print: US \$195.00 | Perpetual: US \$295.00 | Print + Perpetual: US \$390.00

Pre-pub Discount:*

Print: US \$185.00 | Perpetual: US \$280.00

* Pre-pub price is good through one month after publication date.

Market: This premier publication is essential for all academic and research library reference collections. It is a crucial tool for academicians, researchers, and practitioners. Ideal for classroom use.

Hakikur Rahman (PhD) is the Principal of the Institute of Computer Management & Science (ICMS) and President of ICMS Foundation. He is currently an Adjunct Faculty member of Bangabandhu Sheikh Mujibur Rahman Agricultural University and the secretary of the South Asia Foundation Bangladesh Chapter. In December 1999, Dr. Rahman worked as the National Project Coordinator for the transformed entity of the Sustainable Development Networking Programme (SDNP) in Bangladesh. From January through December of 2007, he served Sustainable Development Networking Foundation (SDNF) as its Executive Director (CEO). On December 31, 2006, SDNP, a global initiative of UNDP, completed its activity in Bangladesh. Before joining SDNP, Rahman worked as the Director of the Computer Division at Bangladesh Open University. After graduating from the Bangladesh University of Engineering and Technology (1981), he completed his Master's of Engineering from the American University of Beirut (1986) and his PhD in Computer Engineering from the Ansted University, UK (2001).



www.igi-global.com

Publishing Academic Excellence
at the Pace of Technology Since 1988

Section 1: Theoretical and Conceptual Approaches

Chapter 1
Ethical Issues of 'Morality Mining':
Christen Markus (University of Zürich, Switzerland & University of Notre Dame, USA)
Alfano Mark (Princeton University, USA & University of Oregon, USA)
Bangerter Endre (Bern University of Applied Sciences, Switzerland)
Lapsley Daniel (University of Notre Dame, USA)

Chapter 2
Scope and Limitations in Social Science Research
Arabi U. (Mangalore University, India)

Chapter 3
Reuse of Excess Research Data for New Researches
Porath Amiram (College for Academic Studies, Israel)

Chapter 4
Data Mining Techniques to Improve Early Warning Systems across the Bay of Bengal:
Rahman Hakikur (University of Minho, Portugal)

Section 2: Socio-Economic Development and Implications

Chapter 5
Spidering Scripts for Opinion Monitoring
Capriello Antonella (University of Eastern Piedmont, Italy)
Rossi Piercarlo (University of Eastern Piedmont, Italy)

Chapter 6
Big Data Dilemmas:
Aikat Debashis "Deb" (University of North Carolina at Chapel Hill, USA)

Chapter 7
Social Science Data Analysis:
Scime Anthony (State University of New York, USA)
Murray Gregg R. (Texas Tech University, USA)

Chapter 8
Data Mining Algorithms for Measuring Performance Impact of Social Development Processes:
Rahman Hakikur (University of Minho, Portugal)

Section 3: Governance and Applications

Chapter 9
A Customised Dataset to Assist Legal and Ethical Governance of Seaports
Echeverry Ana Ximena Halabi (Macquarie University, Australia & Universidad de La Sabana, Colombia)
Richards Deborah (Macquarie University, Australia)

Chapter 10
Ethical and Legal Data Mining:
Tran Ben (Alliant International University, USA)

Chapter 11
Measuring Student Learning Responsibility:
Vat Kam Hou (University of Macau, Macau)

Chapter 12
Improved Decision Support System to Develop a Public Policy to Reduce Dropout Rates for Four Minorities in a Society
Ochoa-Zezzatti Alberto (Juarez City University, Mexico)
González Saúl (Juarez City University, Mexico)
Montes Fernando (Juarez City University, Mexico)
Amin Seyed (Technological Teheran University, Iran)
Margain Lourdes (Polytechnic University of Aguascalientes, Mexico)
Gutiérrez Guadalupe (Polytechnic University of Aguascalientes, Mexico)

Chapter 13
Digital Rights Management and Corporate Hegemony:
Moro Nikhil (University of North Texas, USA)

Order Your Copy Today!

Name: _____

Organization: _____

Address: _____

City, State, Zip: _____

Country: _____

Tel: _____

Fax: _____

E-mail: _____

Enclosed is check payable to IGI Global in
US Dollars, drawn on a US-based bank

Credit Card Mastercard Visa Am. Express

3 or 4 Digit Security Code: _____

Name on Card: _____

Account #: _____

Expiration Date: _____