

International Journal of Data Warehousing and Mining

October-December 2015, Vol. 11, No. 4

Table of Contents

SPECIAL ISSUE ON THE FIRST WORKSHOP ON SOCIAL BUSINESS INTELLIGENCE (SoBI)

GUEST EDITORIAL PREFACE

- iv Matteo Golfarelli, *Department of Computer Science and Engineering, University of Bologna, Bologna, Italy*
Patrick Marcel, *Laboratory of Computer Science, University of Tours, Tours, France*
Verónica Peralta, *Laboratory of Computer Science, University of Tours, Tours, France*
Stefano Rizzi, *Department of Computer Science and Engineering, University of Bologna, Bologna, Italy*

SPECIAL ARTICLES

- 1 **SLOD-BI: An Open Data Infrastructure for Enabling Social Business Intelligence**
Rafael Berlanga, *Universitat Jaume I, Castellón de la Plana, Spain*
Lisette García-Moya, *Universitat Jaume I, Castellón de la Plana, Spain*
Victoria Nebot, *Universitat Jaume I, Castellón de la Plana, Spain*
Maria José Aramburu, *Universitat Jaume I, Castellón de la Plana, Spain*
Ismael Sanz, *Universitat Jaume I, Castellón de la Plana, Spain*
Dolores María Llidó, *Universitat Jaume I, Castellón de la Plana, Spain*
- 29 **Discovering Hidden Concepts in Predictive Models for Texts' Polarization**
Caterina Liberati, *Department of Economics, Management and Statistics, University of Milano-Bicocca, Milan, Italy*
Furio Camillo, *Department of Statistics, University of Bologna, Bologna, Italy*

RESEARCH ARTICLES

- 49 **Full-Exact Approach for Frequent Itemset Hiding**
Tolga Ayav, *Department of Computer Engineering, Izmir Institute of Technology, Izmir, Turkey*
Belgin Ergenc, *Department of Computer Engineering, Izmir Institute of Technology, Izmir, Turkey*
- 64 **An UML Profile and SOLAP Datacubes Multidimensional Schemas Transformation Process for Datacubes Risk-Aware Design**
Elodie Edoh-Alove, *National Research Institute for Science and Technology for the Environment and Agriculture (IRSTEA), Aubiere, France*
Sandro Bimonte, *National Research Institute for Science and Technology for the Environment and Agriculture (IRSTEA), Aubiere, France*
François Pinet, *National Research Institute for Science and Technology for the Environment and Agriculture (IRSTEA), Aubiere, France*

Copyright

The *International Journal of Data Warehousing and Mining (IJDWM)* (ISSN 1548-3924; eISSN 1548-3932), Copyright © 2015 IGI Global. All rights, including translation into other languages reserved by the publisher. No part of this journal may be reproduced or used in any form or by any means without written permission from the publisher, except for noncommercial, educational use including classroom teaching purposes. Product or company names used in this journal are for identification purposes only. Inclusion of the names of the products or companies does not indicate a claim of ownership by IGI Global of the trademark or registered trademark. The views expressed in this journal are those of the authors but not necessarily of IGI Global.

The *International Journal of Data Warehousing and Mining* is indexed or listed in the following: ACM Digital Library; Australian Business Deans Council (ABDC); Bacon's Media Directory; Burrelle's Media Directory; Cabell's Directories; Compendex (Elsevier Engineering Index); CSA Illumina; Current Contents®/Engineering, Computing, & Technology; DBLP; DEST Register of Refereed Journals; Gale Directory of Publications & Broadcast Media; GetCited; Google Scholar; INSPEC; Journal Citation Reports/Science Edition; JournalTOCs; Library & Information Science Abstracts (LISA); MediaFinder; Science Citation Index Expanded (SciSearch®); SCOPUS; The Index of Information Systems Journals; The Standard Periodical Directory; Thomson Reuters; Ulrich's Periodicals Directory; Web of Science