Table of Contents

International Journal of Data Warehousing and Mining

Volume 17 • Issue 4 • October-December-2021 • ISSN: 1548-3924 • eISSN: 1548-3932

Research Articles

1 Schema Evolution in Multiversion Data Warehouses

Waqas Ahmed, CODE WIT, Université libre de Bruxelles, Belgium Esteban Zimányi, CODE WIT, Université libre de Bruxelles, Belgium Alejandro A. Vaisman, Department of Information Engineering, Instituto Tecnológico de Buenos Aires, Argentina Robert Wrembel, Poznan University of Technology, Poland

29 ETL Logs Under a Pattern-Oriented Approach

Bruno Oliveira, CIICESI, ESTG, Politécnico do Porto, Portugal Óscar Oliveira, CIICESI, School of Management and Technology, Porto Polytechnic, Portugal Orlando Belo, ALGORITMI R&D Centre, University of Minho, Portugal

48 An Engineering Domain Knowledge-Based Framework for Modelling Highly Incomplete Industrial Data

Han Li, Shanghai Jiao Tong University, China Zhao Liu, Shanghai Jiao Tong University, China Ping Zhu, Shanghai Jiao Tong University, China

67 A Novel Filter-Wrapper Algorithm on Intuitionistic Fuzzy Set for Attribute Reduction From Decision Tables

Thang Truong Nguyen, Institute of Information Technology, Vietnam Academy of Science and Technology, Vietnam

Nguyen Long Giang, Institute of Information Technology, Vietnam Academy of Science and Technology, Vietnam Dai Thanh Tran, University of Economic and Technical Industries, Vietnam

Trung Tuan Nguyen, National Economics University, Vietnam

Huy Quang Nguyen, Institute of Information Technology, Vietnam Academy of Science and Technology, Vietnam Anh Viet Pham, Hanoi University of Industry, Vietnam

Thi Duc Vu, Information Technology Institute, Vietnam National University, Vietnam

101 P2P-COVID-GAN: Classification and Segmentation of COVID-19 Lung Infections From CT Images Using

Nandhini Abirami, Vellore Institute of Technology, India Durai Raj Vincent, Vellore Institute of Technology, India Seifedine Kadry, Noroff University College, Norway

COPYRIGHT

The International Journal of Data Warehousing and Mining (IJDWM) (ISSN 1548-3924; eISSN 1548-3932), Copyright © 2021 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: ABI/Inform; 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; JournalTOCs; Library & Information Science Abstracts (LISA); MediaFinder; National Agency for the Evaluation of Universities and Research Institutes; SCOPUS; The Index of Information Systems Journals; The Standard Periodical Directory; UGC-CARE List (India); Ulrich's Periodicals Directory; Web of Science; Web of Science Science Citation Index Expanded (SCIE)