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| | Nota di contenuto | Intro -- Preface -- Organization -- Contents - Part II -- Contents - Part I -- Machine Learning and Data Mining -- Machine Learning or Lexicon Based Sentiment Analysis Techniques on Social Media Posts -- 1 Introduction -- 2 Literature Review -- 3 Methodology -- 3.1 Comparison Between Sentiment Analysis Methods -- 4 Results and Discussion -- 5 Conclusion -- References -- A Comparative Study of Classification and Clustering Methods from Text of Books -- 1 Introduction -- 2 Related Works -- 3 Project Gutenberg -- 4 Natural Language Processing -- 4.1 Word Weighting Measures -- 5 Machine Learning Methods -- 5.1 Algorithms for Classification -- 5.2 Algorithm for Clustering -- 5.3 Measures of the Quality -- 6 Proposed Approach -- 7 Experiments -- 7.1 Experimental Design and Data Set -- 7.2 Results of Experiments -- 8 Conclusions -- References -- A Lightweight and Efficient GA-Based Model-Agnostic Feature Selection Scheme for Time Series Forecasting -- 1 Introduction -- 2 Related Works -- 2.1 Feature Selection Methods -- 2.2 GA-Based Feature Selection -- 3 GA-Based Model-Agnostic Feature Selection -- 3.1 |

References -- Relearning Ensemble Selection Based on New Generated Features -- 1 Introduction -- 2 Related Works -- 3 The Proposed Framework -- 3.1 Generation of Diverse Base Classifiers -- 3.2 Relearning Base Classifiers -- 3.3 Feature Generation Based on Learned and Relearned Base Classifiers -- 3.4 Learning Second-Level Base Classifier Based on New Vector of the Features -- 3.5 Selection Base Classifiers Based on Second-Level Classification Result -- 4 Experiments -- 4.1 Experimental Setup -- 4.2 Results -- 5 Discussion -- 6 Conclusions -- References -- Random Forest in Whitelist-Based ATM Security -- 1 Introduction -- 2 Related Work -- 3 Test Procedure. 4 Data Pre-processing.

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| Sommario/riassunto | This book constitutes the refereed proceedings of the 14th Asian Conference on Intelligent Information and Database Systems, ACIIDS 2022, held Ho Chi Minh City, Vietnam in November 2022.The 113 full papers accepted for publication in these proceedings were carefully reviewed and selected from 406 submissions. The papers of the 2 volume-set are organized in the following topical sections: data mining and machine learning methods, advanced data mining techniques and applications, intelligent and contextual systems, natural language processing, network systems and applications, computational imaging and vision, decision support and control systems, and data modeling and processing for industry 4.0. The accepted and presented papers focus on new trends and challenges facing the intelligent information and database systems community. |