1.	Record Nr.	UNINA9910484839703321
	Titolo	Advances in data mining : theoretical aspects and applications : 7th industrial conference, ICDM 2007, Leipzig, Germany, July 14-18, 2007 : proceedings / / Petra Perner (ed.)
	Pubbl/distr/stampa	Berlin ; ; New York, : Springer, c2007
	ISBN	3-540-73435-X
	Edizione	[1st ed. 2007.]
	Descrizione fisica	1 online resource (XI, 356 p.)
	Collana	LNCS sublibrary. SL 7, Artificial intelligence
		Lecture notes in computer science, , 0302-9743 ; ; 4597. Lecture notes in artificial intelligence
	Altri autori (Persone)	PernerPetra
	Disciplina	005.74
	Soggetti	Data mining
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Invited Talk -- Case Based Reasoning and the Search for Knowledge -- Aspects of Classification and Prediction -- Subsets More Representative Than Random Ones -- Concepts for Novelty Detection and Handling Based on a Case-Based Reasoning Process Scheme -- An Efficient Algorithm for Instance-Based Learning on Data Streams -- Softening the Margin in Discrete SVM -- Feature Selection Using Ant Colony Optimization (ACO): A New Method and Comparative Study in the Application of Face Recognition System -- Outlier Detection with Streaming Dyadic Decomposition -- VISRED –Numerical Data Mining with Linear and Nonlinear Techniques -- Clustering -- Clustering by Random Projections -- Lightweight Clustering Technique for Distributed Data Mining Applications -- Web Mining -- Predicting Page Occurrence in a Click-Stream Data: Statistical and Rule-Based Approach -- Improved IR in Cohesion Model for Link Detection System -- Improving a State-of-the-Art Named Entity Recognition System Using the World Wide Web -- Data Mining in Medicine -- ISOR-2: A Case-Based Reasoning System to Explain Exceptional Dialysis Patients -- The Role of Prototypical Cases in Biomedical Case-Based Reasoning -- Applications of Data Mining -- A Search Space Reduction Methodology for Large Databases: A Case Study -- Combining Traditional and Neural-Based Techniques for Ink Feed Control in a Newspaper Printing

Press -- Active Learning Strategies: A Case Study for Detection of Emotions in Speech -- Neural Business Control System -- A Framework for Discovering and Analyzing Changing Customer Segments -- Collaborative Filtering Using Electrical Resistance Network Models -- Visual Query and Exploration System for Temporal Relational Database -- Towards an Online Image-Based Tree Taxonomy -- Distributed Generative Data Mining -- Time Series and Frequent Pattern Mining -- Privacy-Preserving Discovery of Frequent Patterns in Time Series -- Efficient Non Linear Time Series Prediction Using Non Linear Signal Analysis and Neural Networks in Chaotic Diode Resonator Circuits -- Association Minnig -- Using Disjunctions in Association Mining.

| Sommario/riassunto | ICDM / MLDM Medaillie (limited edition) Meissner Porcellan, the "White Gold" of King August the Strongest of Saxonia ICDM 2007 was the seventh event in the Industrial Conference on Data Mining series and was held in Leipzig (www.data-mining-forum.de). For this edition the Program Committee received 96 submissions from 24 countries (see Fig. 1). After the peer-review process, we accepted 25 high-quality papers for oral presentation that are included in this proceedings book. The topics range from aspects of classification and prediction, clustering, Web mining, data mining in medicine, applications of data mining, time series and frequent pattern mining, and association rule mining. Germany 9,30% 4,17% China 9,30% 1,04% 6,98% 3,13% South Korea Czech Republic 6,98% 3,13% USA 6,98% 2,08% 4,65% 2,08% UK Portugal 4,65% 2,08% Iran 4,65% 2,08% India 4,65% 2,08% Brazil 4,65% 1,04% Hungary 4,65% 1,04% Mexico 4,65% 1,04% Finland 2,33% 1,04% Ireland 2,33% 1,04% Slovenia 2,33% 1,04% France 2,33% 1,04% Israel 2,33% 1,04% Spain 2,33% 1,04% Greece 2,33% 1,04% Italy 2,33% 1,04% Sweden 2,33% 1,04% Netherlands 2,33% 1,04% Malaysia 2,33% 1,04% Turkey 2,33% 1,04% Fig. 1. Distribution of papers among countries Twelve papers were selected for poster presentations that are published in the ICDM Poster Proceedings Volume. |