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Titolo	Data Mining : 20th Australasian Conference, AusDM 2022, Western Sydney, Australia, December 12–15, 2022, Proceedings // edited by Laurence A. F. Park, Heitor Murilo Gomes, Maryam Doborjeh, Yee Ling Boo, Yun Sing Koh, Yanchang Zhao, Graham Williams, Simeon Simoff
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Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 1741
Disciplina	006.312
Soggetti	Data mining Artificial intelligence Image processing - Digital techniques Computer vision Education - Data processing Computer science - Mathematics Data Mining and Knowledge Discovery Artificial Intelligence Computer Imaging, Vision, Pattern Recognition and Graphics Computers and Education Mathematics of Computing Mineria de dades Congressos Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Research Track -- Measuring Content Preservation in Textual Style Transfer -- A Temperature-Modified Dynamic Embedded Topic Model -- Measuring Difficulty of Learning using Ensembles Methods -- Graph Embeddings for Non-IID Data Feature Representation Learning -- Enhancing Understandability of Omics Data with SHAP, Embedding

Projections and Interactive Visualisations -- WinDrift: Early Detection of Concept Drift through the use of Corresponding and Hierarchical Time Windows -- Investigation of Explainability Techniques for Multimodal Transformers -- Effective Imbalance Learning Utilizing Informative Data -- Interpretable Decision Tree via Human-In-The-Loop-Learning -- Application Track -- A Comparative Look at the Resilience of Discriminative and Generative Classifiers to Missing Data in Longitudinal Datasets -- Hierarchical Topic Model Inference by Community Discovery on Word Co-Occurrence Networks -- UMLS-Based Question-Answering Approach for Automatic Initial Frailty Assessment -- Natural Language Query For Technical Knowledge Graph Navigation -- Decomposition of Service Level Encoding for Anomaly Detection -- Improving Ads-Profitability Using Traffic Fingerprints -- Attractiveness Analysis for Health Claims on Food Packages -- SchedmaDB: A Dataset for Structures in Relational Data.

Sommario/riassunto

This book constitutes the refereed proceedings of the 20th Australasian Conference on Data Mining, AusDM 2022, held in Western Sydney, Australia, during December 12–15, 2022. The 17 full papers included in this book were carefully reviewed and selected from 44 submissions. They were organized in topical sections as research track and application track.
