

1. Record Nr.	UNINA9911001468703321
Titolo	Advances in Intelligent Data Analysis XXIII : 23rd International Symposium on Intelligent Data Analysis, IDA 2025, Konstanz, Germany, May 7–9, 2025, Proceedings / / edited by Georg Krempl, Kai Puolamäki, Ioanna Miliou
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	3-031-91398-1
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (XVI, 486 p. 117 illus., 111 illus. in color.)
Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 15669
Disciplina	005.7
Soggetti	Database management Education - Data processing Image processing - Digital techniques Computer vision Artificial intelligence Machine learning Natural language processing (Computer science) Database Management System Computers and Education Computer Imaging, Vision, Pattern Recognition and Graphics Artificial Intelligence Machine Learning Natural Language Processing (NLP)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Applications of Data Science -- Credal Knowledge Tracing for Imprecise and Uncertain MCQ -- Development of Models to Quantify Training Load in Outdoor Running using Inertial Sensors -- Estimating the Learning Capacity of Bacterial Metabolic Networks -- Semi-supervised learning with pairwise instance comparisons for medical instance classification -- Local-global Data Augmentation for Contrastive Learning in Static Sign Language Recognition -- SiamCircle: Trajectory Representation Learning in Free Settings -- Synthetic Tabular Data

Detection In the Wild -- Assessing the Impact of Graph Structure
Learning in Graph Deviation Networks -- Foundations of Data Science
-- The When and How of Target Variable Transformations -- Balancing
performance and scalability of demand forecasting ML models --
Balancing global importance and source proximity for personalized
recommendations using random walk length -- Counterintuitive
Behavior of Clustering Quality: Findings for K-Means on Synthetic and
Real Data -- BOWSA: a contribution of sensitivity analysis to improve
Bayesian optimization for parameter tuning -- Overfitting in Combined
Algorithm Selection and Hyperparameter Optimization -- Local
Subgroup Discovery on Attributed Network Graphs -- Imposing
Constraints in Probabilistic Circuits via Gradient Optimization --
Natural Language Processing -- Improving Next Tokens via Second-
Last Predictions with 'Generate and Refine' -- Detection of Large
Language Model Contamination with Tabular Data -- Imbalanced Data
Clustering via Targeted Data Augmentation Using GMM and LLM --
Make Literature-Based Discovery Great Again through Reproducible
Pipelines -- Extracting information in a low-resource setting: case
study on bioinformatics workflows -- Vocabulary Quality in NLP
Datasets: An Autoencoder-Based Framework Across Domains and
Languages -- Temporal and Streaming Data Expertise Prediction of
Tetris Players Using Eye Tracking Information -- Integrating Inverse
and Forward Modeling for Sparse Temporal Data from Sensor Networks
-- Bridging Spatial and Temporal Contexts: Sparse Transfer Learning --
Meta-learning and Data Augmentation for Stress Testing Forecasting
Models -- Pragmatic Paradigm for Multi-stream Regression -- Two-in-
one Models for Event Prediction and Time Series Forecasting.
Comparison of Four Deep Learning Approaches to Simulate a Digital
Patient under Anesthesia -- An Analysis of Temporal Dropout in Earth
Observation Time Series for Regression Tasks -- Performative Drift
Resistant Classification using Generative Domain Adversarial Networks
-- Explainable and Interpretable Data Science -- Extracting Moore
Machines from Transformers using Queries and Counterexamples --
Obtaining Example-Based Explanations from Deep Neural Networks --
Relevance-aware Algorithmic Recourse -- Expanding Polynomial
Kernels for Global and Local Explanations of Support Vector Machines
-- A Constrained Declarative Based Approach for Explainable
Clustering.

Sommario/riassunto

This volume constitutes the proceedings of the 23rd International Symposium on Intelligent Data Analysis, IDA 2025, which was held in Konstanz, Germany, during May 7–9, 2025. The 35 full papers included in the proceedings were carefully reviewed and selected from 91 submissions. They were organized in topical sections as follows: Applications of data science, foundations of data science; natural language processing; temporal and streaming data; and explainable and interpretable data science. .
