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Disciplina	005.3
Soggetti	Application software Database management Computer networks Computer and Information Systems Applications Database Management Computer Communication Networks
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Nota di contenuto	Big Data: Analysis and Management -- WireLlama - Agentic Query System for PCAP Analysis -- Schema Transformation from RDBMS to NoSQL using Hypergraph -- HeteroFormer: A Structure Aware Heterogeneous Graph Transformer -- Applying Text Mining to Analyze Human Question Asking in Creativity Research -- Overview of Current Challenges in Multi-Architecture Software Engineering and a Vision for the Future -- Introspecting Policy Documents through Semantic Lenses Of Sustainable Development Goals -- Data Science -- Ensemble Machine Learning and Natural Language Processing Techniques for the Assessment of Depression using Non-Clinical Texts -- Density and Connectivity-based Neighbor Relationship Materialization for Discovering Prevalent Co-location Patterns -- Exoplanet Detection: A Detailed Analysis -- Simulation, Classification, and Classification via Simulation -- Improving Multimodal Sentiment Analysis with Unimodal Pseudo-Label Generation -- The Language of Nuance: Exploring the Limits of Large Language Models in Handling Ambiguity -- Big Data

Applications -- Image Caption Generation using Deep Learning -- Hybridization of K-means and Chaotic K-best Gravitational Search Algorithm to solve clustering problems -- Infant Mortality in India: Understanding the problem using Machine Learning lens -- Electricity Demand and Price Forecasting using LSTM for Smart Grid Operations -- Recognizing Selected Features in the News Text -- HPC-CleanSeq: A tool for contamination removal in big RNA-seq datasets -- Information Security -- Data Fortress- File Sharing System Enhancing the Features of Blockchain -- Decentralized Online Examination Platforms Employing Smart Contracts for Security -- MHD Turbulence in a Cylindrical Shearing Box -- AI-Powered Threat Detection.

Sommario/riassunto

This book constitutes the proceedings of the 12th International Conference on Big Data Analytics in Astronomy, Science, and Engineering, BDA 2024, which took place in Aizu, Japan during November 26-28, 2024. The 16 full papers included in this book were carefully reviewed and selected from 90 submissions; the proceedings also include 6 invited papers. The contributions were organized in topical sections as follows: Big Data: analysis and management; data science; big data applications; and information security. .
