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Soggetti	Application software Computer networks Data structures (Computer science) Information theory Artificial intelligence Computers Computer and Information Systems Applications Computer Communication Networks Data Structures and Information Theory Artificial Intelligence Computing Milieux
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Nota di contenuto	-- Navigating Trustworthiness in LLMs: An Examination of Privacy, Security, and Robustness. -- Multiscale Bernstein Copula with Bayesian Model Averaging. -- Facility Location under Nonlinear Customer Demand: A Fully Polynomial Time Approximation Scheme. -- Leveraging Auto-Distillation and Generative Self-Supervised Learning in Residual Graph Transformers for Enhanced Recommender Systems. -- Query-Decision Regression for Misinformation Prevention in Social Networks. -- Energy Distance-Based EBM for Skin Lesion

Classification: A Novel Approach. -- Trustworthiness in Vision-Language Models. -- TIP: Predicting Tipping for User-Centered Misinformation Prevention. -- A One-dimensional Generative Diffusion Model for Network Traffic Dataset Generation. -- Pharmaceuticals Supply Chain Integrity: Ensuring the authenticity of drugs and preventing counterfeit medicine by leveraging Smart Contracts, NFT, IPFS, and Distributed Ledgers technology. -- Enhancing Poultry Disease Classification with Data Augmentation and Ensemble Learning. -- Classifying Lexical Variations in Thai Social Media: A Machine Learning and LLMs Approach. -- TVGN: Mastering Predictions of Information Transmissibility in Time Varying Network. -- Agent-Based Modelling Approach to Support Strategic Planning for EV Charging Stations in A University Campus. -- Calibrating Probabilistic Embeddings for Cross-Modal Retrieval. -- BCCNetAttention: Enhancing Breast Cancer Report through Image Captioning with Convolution Neural Network and Transformers Architecture. -- Visual Question Answering for Medical Data Using a Visio-Linguistic Model. -- Graph-based Approaches for Image Space Exploration and Representative Set Selection. -- Alzheimer's Disease Diagnosis with Enhanced Densely Connected Convolutional Networks. -- Energy-Based Learning for Robust Fake News Detection: A Graph Neural Network Approach with Trainable Cost Function. -- The Multifaceted Role of Trust and Reputation in the Digital Age: A Comprehensive Review. -- Energy-Driven Riemannian Block Matching. -- Optimized Deep Learning Based Phishing Email Detection using BERT and Hill Climbing Algorithm. -- Intestate Inheritance Allocation Algorithm According to Thai Law Using Bottom-up Pruning Approach. -- Numerical Modelling of River Flood: A Case Study in the Nhat Le River Basin, Vietnam. -- Thai Legal Fact Classification of Property-Related Offences Using Finetuned BERT Modelling. -- Agent-Based Modeling Approach in Single Fish Population Management. -- Visual-based Navigation of Educational Mobile Robot using Transfer Learning with Teachable Machine. -- NFTs in Knowledge Management: Utilizing Blockchain Applications for Data Sharing. -- Blockchain-Driven Pediatric Vaccine Management: Utilizing RSA Encrypted NFTs, and IPFS for Secure Solutions. -- Classify bone fractures in X-ray images. -- Classifying Historical Cuisines Using Word Embeddings and Machine Learning Models: A Comparative Study. -- Tracing Farmers' Protests Online in Europe 2024. -- Gradient Upsampling for Enhanced Image Resolution and Classification. -- Advanced Heuristic Solution for the Hospital-Resident Matching with Ties problem. -- Approximate core allocations for vertex cover games. -- Multivariate Distribution Modeling via Multidimensional Conditional Cross Entropy Loss Functions in Neural Networks. -- Distributed Facility Location Games with Candidate Locations. -- Influence Maximization Considering Stochastic Network Topology. -- Comparison on Basic Image Augmentation Techniques for Skin Disease Image Classification Model Development. -- Tourist Behavior-Based Buddhist Tourism Recommendation Using Image Classification. -- AI implementations on Circular Economy: A Systematic literature review. -- AquaSense: Smart System for Water Quality Monitoring and Reporting using Empathy. -- Machine Learning on Metabolomic Profiles from Fecal to Identify Plant based Food Intake. -- Dynamic Threshold for Image Retrieval. -- Evaluating Salary Prediction Models for Graduates Using Dimensionality Reduction and Machine Learning Techniques. -- Optimizing Escape Routes in Emergency Scenarios: A Comparative Study of Pathfinding Algorithms. -- Features Analysis of Respiratory Disease in Thailand.

International Conference on Computational Data and Social Networks, CSoNet 2024, held in Bangkok, Thailand, during December 16–18, 2024. The 18 full papers and 17 short papers presented in this volume were carefully reviewed and selected from 50 submissions. These papers deal with various aspects of computational data and social networks, focusing on large-scale network computing, data network analysis, mining, security and privacy, optimization, and learning.
