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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Analysis of fraud detection approaches in online payment systems (Mandakini) -- Investigating Context-Aware Sentiment Classification Using Machine Learning Algorithms (P. Kiumar) -- Opioid Recommendation To Arthroplasty Patients Using Pearson Correlation And Shapiro Wilk Test (R Sindhi) -- POS Tagger Using LSTM and Pre-Trained Word Embeddings (Joshi) -- An early-stage colorectal cancer detection from colonoscopy images using Enhanced Res-UNET (Mahanty) -- Prediction of Rice Leaf Diseases at an Early Stage using Deep Neural Networks (Mahanty) -- A Study of the impact of implementing a procedure for Creation of Risk Factor Software (Sriramulu) -- Chat Analysis and Spam Detection of Whatsapp using Machine Learning (Shaik) -- A Study of Hate Speech Detection Using Different Models (Mihir) -- Image Feature Narrator for Blind (R Soujanya) -- Recognition of Indian gestural language through neural networks: Narrative approach (Akula) -- Frequency and Voltage control

of multi area multi source power system using whale optimization algorithm (Simhadri) -- Tumor Prediction Using Microarray Gene Expression Profiles Through SVM and CBFS (Bandyopadhyay) -- Advanced Machine Learning Approaches for Improving Traffic Flow Predictions in Smart Transportation Systems (Kanakaprabha) -- Deep Learning Based Surroundings Descriptor for Visually Challenged (Kasireddi) -- Wind power prediction using artificial neural network model : a case study (Bouabdallaoui) -- Optimizing Wind Farm Design by Incorporating Wind Turbines of Diverse Hub Heights through PSO (El jaadi) -- Use of Regression Algorithm for Bike Ride Sharing Demand Projection (Pangaonkar) -- Quantifiable Techniques To Improve Covid Expectation Model Of Cox Regression (G Priyanka) -- Bayesian Optimized Random Forest Classifier for Improved Credit Card Fraud Detection: Overcoming Challenges and Limitations (P K Rajesh) -- Early Stage Detection Of Pcos Using Deep Learning (Venkata) -- Challenges and advancement in Federated Recommendation System: A Comprehensive Review (Otari) -- Conditional DCGAN for Targeted Generation of MNIST Handwritten Digits (Vasamsetti) -- Predicting Cryptocurrency Price Using Multiple Deep Learning Models (Durga) -- An Overview: Progressive Report on Magic Labelling (Biswas) -- Efficient Object Detection, Segmentation, and Recognition using YOLO Model (Sharma) -- Music Genre Classification using XGB Boost (Himabindu) -- Semantic Web 3.0 Streaming Based Music Application (Shaik) -- A Novel Approach for Text Classification using Feature Selection Algorithm and Term Weight Measures (RaviKumar) -- Content Based Music Video Recommender system using Cosine Similarity (Musarrath) -- A comparative study on Anomaly Based Network Intrusion Detection System (Potti) -- A spatiotemporal comprehensive graph based learning for GIF sentiment analysis (Bhattacharyya) -- A Novel Framework for Detection of Objects from Video Using Deep Learning Technique (Mulla) -- Recognition of Emotion behind Speech using Deep Learning RESNET Algorithm (Pinnamaraju) -- Exploring Sign Language Recognition Methods: An Effective Kernel Approach (Manogna) -- Identification of Gradient based Attacks on Autonomous Vehicle Traffic Recognition system using Statistical method (Lakshmeeswari) -- Sentiment Analysis of Tweets Using TF-IDF Vectorizer and Lemmatization with POS-Tagging (Saripilli) -- An Overview of Interval-valued Intuitionistic Trapezoidal Fuzzy Number (IVITFN) and its Applications using Fuzzy Logic Techniques (Murty) -- A Machine Learning Approach for DDoS attacks detection in CIC-DDoS2019 dataset using Multiple linear regression algorithm (Lakshmeeswari) -- Image Fusion With CT And MRI Images For Improving The Quality Of Diagnostic (Shaik) -- Comparative Analysis Of Lung Sac Inflation (Kakulapati) -- Voice Assistant For Driver Drowsiness Detection (Gondi) -- Prediction Using Sentiment Analysis On Multi Domain Category: Stocks, Politics Using Twitter Repository (Gaviredla) -- Hyperparameter Optimization for Gradient Boosted Tree-Based Machine Learning Models and Their Effect on Model Performance (Abdulkader) -- Medical Data Security with Blockchain and Artificial Intelligence Using SecNet (Laxmikanth) -- A Regression Analysis of iPhone 11 Pricing Factors (Umesh) -- Classification of Alzheimer's Disease using deep learning methodologies on MR Images (Kumar) -- Taxonomy of Intrusion detection and its effectiveness in Internet of Things (Ramakrishna) -- Design And Evaluation Of Plant Leaf Disease Detection Based On Cnn Classification System (Ramakrishna) -- Air Pollution Forecasting using Deep Learning algorithms: A Review (M S Rao) -- Health Care Monitoring System using Artificial Intelligence for Diabetic Skin Diseases (Godi) -- Proposed framework for a doctor

appointment using Chatbot in Tanzania (Chatumba) -- Blockchain-Based Ether Transmission, Which Gives Ledgers Transparency And Security (Tippana) -- Fruit Identification And Classification Using Machine Learning (Reddy) -- Impact of Covid-19 in Society and review of Machine Learning Algorithm in Diagnosis (Sivaramakrishnan) -- Medicinal Leaf Prediction and Disease Identification using Machine Learning Techniques (Srinivasa Rao) -- Deep Learning Approach For Expression Based Songs Recommendation System (Shaik) -- System Sound Control Using Gesticulations (Uzair) -- Modified Holographic Ricci Dark Energy Cosmological Model in Modified theory of Gravity (Satyanarayana) -- Web Application for detecting churn prediction in Banking using ANN (Kharat) -- Providing Security Properties Of Cloud Service Using Rest Api's (Laxmikanth) -- Study and Research on Autism Spectrum Disorder using Supervised Machine Learning Techniques (Nekkanti) -- Semi-Automated Vehicle Controlled Using Wi-Fi (Dhanush) -- Disease Identification System for Aura Images Using Fruit Fly Optimization (FAO) Technique (Poojary) -- Hybrid Movie Recommendation System Based on User Preferences and Item Similarity (Bugatha) -- Comparison of Artificial Intelligentsystems for real time accident prone applications (Rao) -- Hand Talk Assistance With Tensorflow Single Shot Detector (Priyanka) -- A New Text Representation Technique based Approach for Authorship Verification (Reddy) -- Early Recognition And Ranking Of Knee Osteoarthritis By The Assistance Of Enhanced Deep Learning On Knee MR Image Data (Molleti) -- Smart Blind Stick with Wrist band: Obstacle Detection and Warning System (Ramyadevi) -- Crop Recommendation System Using Machine Learning (Grandhi) -- Exploring Public Perception and Opinion Trends on Agnipath Scheme through Sentiment Analysis and Topic Modeling of Tweets (Shaik) -- A Feature Selection Technique based Approach for Author Profiling using Word Embedding Techniques (Kavuri) -- Pothole Detection Using IOT To Help People (Bada) -- Machine Learning enhanced Diabetes Identification System (Adimalla) -- Diabetes Identification System using Machine Learning (Sambana) -- Identification & Analysis of neural disorders based on hyperactivityand spectrum disorder with functional-MRI (Bala) -- Review Analysis Using Web Scraping in Python (Roy) -- A Novel Approach Of Deep Neural Network Performance Analysis For Predicting Chronic Kidney Disease (Ramakrishna) -- A Stroke Complication Neural Network Model to Predict the Severity of Brain Stroke Using Family History (Bandi) -- Automating Curriculum Vitae Recommendation Processes through Machine Learning (Laxikanth) -- Application Controlling Using Hand Gestures Through Yolov5s (Chadram) -- Chili Leaves Disease Identification using Artificial Neural Network Algorithms (kantharaju).

Sommario/riassunto

The Volume 1 book on Accelerating Discoveries in Data Science and Artificial Intelligence (Proceedings of ICDSAI 2023), that was held on April 24-25, 2023 by CSUSB USA, the International Association of Academicians (IAASSE), and the Lendi Institute of Engineering and Technology, Vizianagaram, India is intended to be used as a reference book for researchers and practitioners in the disciplines of AI and data science. The book introduces key topics and algorithms and explains how these contribute to healthcare, manufacturing, law, finance, retail, real estate, accounting, digital marketing, and various other fields. The book is primarily meant for academics, researchers, and engineers who want to employ data science techniques and AI applications to address real-world issues. Besides that, businesses and technology creators will also find it appealing to use in industry.