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Nota di contenuto	Intro -- Preface ICTIS 2023 -- Contents -- Editors and Contributors -- The Current State of Art-Indian Unleavened Flat Bread Cooking -- 1 Introduction -- 2 Survey of Existing Methods of Chapati and Other Foods Cooking with New Techniques -- 3 Material and Methods of Dough Preparation, Chapati Making -- 4 Challenges and Future Scope -- 5 Database and Software/hardware Tools -- 6 Conclusion -- References -- An Efficient Abstractive Summarization of Research Articles Using Pegasus Model -- 1 Introduction -- 2 Related Work -- 3 Methodology -- 4 Results -- 5 Conclusions and Future Enhancements -- References -- Performance Analysis of Classification Techniques in Heart Disease Prediction -- 1 Introduction -- 2 Related Work -- 3 Implementation Details -- 3.1 Dataset Information -- 3.2 Classification Methods -- 4 Experimental Results -- 4.1 Correlation Results -- 4.2 Performance Analysis -- 5 Conclusion -- References -- Early Phase Identification and Detection for Plant Poor Growth in Rural Areas: A Survey of the State of the Art -- 1 Introduction -- 2 Related Work -- 3 Issues and Challenges -- 4 Proposed Work -- 4.1 Parametric Evaluation of Related Work -- 5 Methodology Enriching Datasets -- 5.1 RoCoLe Dataset -- 5.2 BRACOL Dataset -- 5.3 Rice Leaf Blight Dataset Rice Leaf Blight Dataset -- 5.4 Plant Pathology Dataset Plant Pathology Dataset -- 5.5 Citrus Dataset -- 6 Conclusion -- 7 Discussion -- References -- Pothole Detection and Road Condition Updation on Google Maps -- 1 Introduction -- 2 System Design -- 2.1 Pothole Detection -- 2.2 Vehicle Tracking -- 2.3 Updating the Database -- 2.4 Rendering Database on Google Maps -- 3 Implementation -- 3.1 Training Phase -- 3.2 Server-Side -- 3.3 Client-Side -- 3.4 Algorithm -- 3.5 Flowchart -- 4 Result and Analysis -- 5 Conclusion -- References. Fetal Cardiac Detection Using Deep Learning from Echocardiographic Image-A Survey -- 1 Introduction -- 2 Related Work -- 3 Machine Learning Methods for Cardiographic Image Analysis -- 4 Deep Learning Framework for Disease Prediction -- 5 Experimental Results -- 6 Conclusion -- References -- Analysing the Factor Influencing Post COVID-19 Experience Through User-Generated Content: Luxury Hotel in India -- 1 Introduction -- 2 Literature Review -- 3 System Description -- 3.1 Data Pre-processing -- 3.2 Sentiment Analysis -- 3.3 Theme Identification -- 4 Methodology -- 5 Analysing the Theme -- 6 Result -- 6.1 Positive Sentiments -- 6.2 Negative Sentiments -- 7 Conclusion -- References -- Text Detection and Recognition from the Scene Images Using RCNN and EasyOCR -- 1 Introduction -- 2 Related Work -- 3 Proposed Model -- 3.1 Text Detection -- 3.2 Text Recognition -- 4 Experimentation and Results -- 4.1 Datasets -- 4.2 Implementation Details -- 4.3 Result Analysis -- 5 Conclusion -- References -- The Important Role of Industry Data Connectivity Using M2M and IoT Applications for Processing and Analysis -- 1 Introduction -- 2 Devices to Networks and Platforms -- 2.1 Data Collection -- 2.2 Data Communication -- 3 Strengthen the Data Management Platform -- 3.1 Centralized Device Management -- 3.2 High-Performance Data Management -- 3.3 Enhanced Administration and Security -- 3.4 Flexible Application Development -- 4 Data Transfer with MQTT -- 4.1 Topic and Quality of Service (QoS) -- 4.2 Results -- 5 Discussion -- 6

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Federated Learning Approaches to Diverse Machine Learning Model: A Review.

Sommario/riassunto

This book gathers papers addressing state-of-the-art research in all areas of information and communication technologies and their applications in intelligent computing, cloud storage, data mining and software analysis. It presents the outcomes of the Seventh International Conference on Information and Communication Technology for Intelligent Systems (ICTIS 2023), held in Ahmedabad, India. The book is divided into two volumes. It discusses the fundamentals of various data analysis techniques and algorithms, making it a valuable resource for researchers and practitioners alike.