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Nota di contenuto	Chapter 1. Digital Transformation of Seed distribution Process Chapter 2. Detection of Deceptive Phishing based on Machine Learning Techniques Chapter 3. A Shape Based Model with Zone wise Hough Transformation for Handwritten Digit Recognition Chapter 4.  Deducted Sentiment Analysis for Sarcastic Reviews Using LSTM Networks Chapter 5. An Artificial Intelligence Approach to Social Networks Agent Task Scheduling Analysis in Map Reduce for Sentiment Opinion Analysis Chapter 6. Automatic Identification of Colloid Cyst in Brain through MRI/CT Scan Images Chapter 7. A Detailed Review on Big Data Analytics Chapter 8. A Review on Datasets and Tools in the Research of Recommender Systems Chapter 9. Performance Comparison of Different Machine Learning Algorithms for Risk Prediction & Diagnosis of Breast Cancer Chapter 10. Analysis of DRA with Different Shapes for X-band Applications Chapter 11. Android

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based Application for Environmental Protection -- Chapter 12. LDA Topic Generalization on Museum Collections -- Chapter 13. Roof Edge Detection for Solar Panel Installation -- Chapter 14. Implementation of Kernel based DCT with Controller Unit -- Chapter 15. Space Explorations and Applications of Artificial Intelligence.

## Sommario/riassunto

This book features high-quality, peer-reviewed research papers presented at the International Conference on Smart Technologies in Data Science and Communication (Smart-DSC 2019), held at Vignan's Institute of Information Technology (Autonomous), Visakhapatnam, Andhra Pradesh, India on 13–14 December 2019. It includes innovative and novel contributions in the areas of data analytics, communication and soft computing.