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Nota di contenuto   Assessment Of Improvising Breast Cancer Detection Through Machine Learning And Cross-Validation Methods -- A Specific Processing of Device to Device Communication Through Multihop For Equalizing and Minimizing Sar -- Design of Modified Booth Multiplier Using Reversible Logic Gates -- Impact of Soil Type on Sunflower Growth in Punjab: SPCC and Google Colab Analysis -- Multi-Exposure Image Fusion Using Multi Scale Decomposition -- Diabetes Prediction in Healthcare with Ensemble Learning -- Multiscale Modeling of Piezoelectric Polycrystals: Impact of Microstructure and Domain Arrangement on Macroscopic Properties -- Application of Classification and Prevention Methods for Image Analysis with the CNN Model and Its Versions -- The reduction

of Hadoop map while maintain-ing the privacy and balancing dynamic demand across data notes -- Early Identification of diabetic retinopathy from Ophthalmic Images using multi-scale feature fusion network built on MobileNetV3 -- Advanced Deep Learning Techniques for Parkinson's Disease Diagnosis Using Voice Biomarkers.

Sommario/riassunto	This book includes original, peer reviewed research articles from 6th International Conference on Recent Trends in Machine Learning, IoT, Smart Cities and Applications (ICMISC 2025), held in March 28–29, 2025 at CMR Institute of Technology, Hyderabad, India. It covers the latest research trends and developments in areas of machine learning, smarty cities, IoT, artificial intelligence, cyber-physical systems, cybernetics, data science, neural network and cognition.