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Nota di contenuto	Schedule and Routing In Home Healthcare System Using Clustering Analysis and Multi-Objective Optimization -- Obesity level prediction using Multinomial Logistic Regression -- Importance of Feature Selection methods in Machine Learning-based Obesity Prediction -- A Clinical Decision Support System Using Machine Learning To Forecast The Risk Of Chronic Pulmonary Disease And Anthracosis -- Smart Healthcare: A Breakthrough in the growth of technologies -- A Multidisciplinary Explanation of Healthcare AI Uses, Trends and Possibilities -- Optimum Utilization Of Bed Resources In Hospitals-A Stochastic Approach -- Early-Detection of Diabetic Retinopathy using Deep Learning -- Performance Analysis of Memory-Efficient Vision Transformers in Brain Tumor Segmentation -- Unlocking New Possibilities in Drug Discovery: A GAN-based Approach -- A Systematic Review on ECG and EMG Biomedical Signal using Deep Learning Approaches -- Smart AI bot for healthcare Assistance -- AI-Driven

Hospital Readmission Predictor for Diabetic Patients -- Gleason Grading System for Prostate Cancer diagnosis.

Sommario/riassunto

This book explores new applications in the field of science and technology for healthcare systems. The main focus of this book is to devise smart, efficient and robust solutions for the health care sector to serve the major population of rural areas. Artificial Intelligence-based Healthcare Systems encourages scientists, engineers, and scholars across the multiple disciplines to design smart intelligent innovations on rural healthcare issues and motivate to collaborate multiple ideas to design best solutions. It also helps the readers at various levels of knowledge to further enhance their understanding for new tools and smart solutions.
