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| Nota di contenuto | Chapter 1: Analytics of Machine Learning in Healthcare Industries -- Chapter 2: Design and Implementation of First in First out (FIFO) Buffer for distributed load balancing systems -- Chapter 3: Artificial Neural Networks-based Forecasting to Anticipate the Indian Stock Market -- Chapter 4: A Framework for Real Time Crowd Behaviour Monitoring System based on Human Activity Recognition in Surveillance Videos -- Chapter 5: STM32 Based Home Automation and Energy Monitoring System with TFT Display -- Chapter 6: Smart Rover for Farm Pesticide Spraying -- Chapter 7: Emergency Alert and Adaptive Traffic Signal System Using Machine Learning -- Chapter 8: Design of a chatbot for relieving academic stress in adolescent students -- Chapter 9: Mental Health Predictive Analysis using Machine Learning Techniques -- Chapter 10: Crime Prediction and Prevention Using Design Intervention and Artificial Intelligence. etc. |

Sommario/riassunto

This book gathers high-quality papers presented at the Eighth International Conference on Smart Trends in Computing and Communications (SmartCom 2024), organized by Global Knowledge Research Foundation (GR Foundation) from 12 to 13 January 2024 in Pune, India. It covers the state-of-the-art and emerging topics in information, computer communications, and effective strategies for their use in engineering and managerial applications. It also explores and discusses the latest technological advances in, and future directions for, information and knowledge computing and its applications.
