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Nota di contenuto	Chapter 1. Intelligent Automation Framework using AI and RPA: An Introduction -- Chapter 2. Role of RPA in Intelligent Auditing -- Chapter 3. Impact of AI and RPA in Banking -- Chapter 4. Robotic Process Automation: The key to Reviving the Supply Chain Processes -- Chapter 5. Intelligent Document Processing in end-to-end RPA contexts: a systematic literature review -- Chapter 6. Challenges in Banking and Solving them using RPA -- Chapter 7. Robotic Process Automation in Healthcare -- Chapter 8. Intellectual Property Management in Healthcare Using Robotic Process Automation during Covid-19 -- Chapter 9. RPA Revolution in the Healthcare Industry during COVID-19 -- Chapter 10. Importance of Artificial Intelligence (AI) and Robotic process automation (RPA) in the Banking Industry: A study from an Indian perspective -- Chapter 11. Integration of RPA and AI in Industry 4.0 -- Chapter 12. A Comprehensive Review on Artificial Intelligence (AI) and Robotic Process Automation (RPA) for the development of Smart Cities -- Chapter 13. The Existing IT Functions and Robotics Process Automation -- Chapter 14. RPA Adoption in Healthcare Application -- Chapter 15. Cognitive IoT meets Robotic Process Automation: The Unique Convergence revolutionizing Digital Transformation in the Industry 4.0 era -- Chapter 16. Confluence of Artificial Intelligence and Robotic Process Automation: Concluding Remarks. .

This book provides a detailed insight into Robotic Process Automation (RPA) technologies linked with AI that will help organizations implement Industry 4.0 procedures. RPA tools enhance their functionality by incorporating AI objectives, such as use of artificial neural network algorithms, text mining techniques, and natural language processing techniques for information extraction and the subsequent process of optimization and forecasting scenarios for the purpose of improving an organization's operational and business processes. The target readers of this book are researchers, professors, graduate students, scientists, policymakers, professionals, and developers working in the IT and ITeS sectors, i.e. people who are working on emerging technologies. This book also provides insights and decision support tools necessary for executives concerned with different industrial and organizational automation-centric jobs, knowledge dissemination, information, and policy development for automation in different educational, government, and non-government organizations. This book is of special interest to college and university educators who teach AI, machine learning, blockchain, business intelligence, cognitive intelligence, and brain intelligence courses in different capacities.
