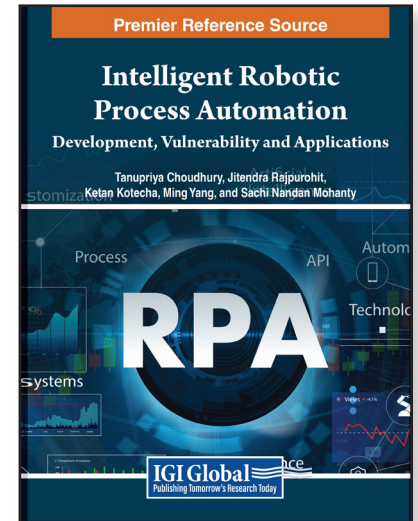


Intelligent Robotic Process Automation: Development, Vulnerability and Applications

Part of the Advances in Computational Intelligence and Robotics Book Series

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Description:

Organizations constantly seek ways to streamline operations and enhance productivity in today's rapidly evolving business landscape. However, the manual execution of routine tasks remains a significant bottleneck, consuming valuable time and resources. Robotic Process Automation (RPA) offers a compelling solution by automating these tasks, freeing human capital to focus on more strategic endeavors. Despite its potential, many professionals need a comprehensive understanding of RPA's intricacies and integration with advanced technologies like AI and the Cloud.

Intelligent Robotic Process Automation: Development, Vulnerability and Applications bridges this knowledge gap by providing a thorough exploration of RPA's development, testing, and scalability. By offering practical insights into integrating RPA with AI and Cloud technologies, the book equips readers with the knowledge to enhance automation capabilities and efficiency. Moreover, it delves into the selection and utilization of RPA development tools, ensuring optimal performance and mitigating system vulnerabilities.

With real-world applications across industries such as healthcare, finance, and education, this book is a practical guide for implementing RPA in diverse settings. Whether you're an academic scholar, researcher, or technology enthusiast, it provides the essential knowledge and tools to navigate the complexities of RPA and harness its transformative potential.

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- Exploiting Cloud in RPA
- Generative AI as a Tool for RPA
- Intelligent RPA Systems Challenges
- Intelligent RPA Systems Opportunities
- Intrinsic Vulnerabilities of RPA Systems
- Natural Language Processing for Capability Enhancement of RPA
- RPA Development
- RPA for IoT Enabled Applications
- RPA for Secure Systems and Networks
- RPA in Education
- RPA in Finance
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- RPA Testing, Deployment and Scalability

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