

Blue Prism Robotic Process Automation

Firms are continually seeking new ways to forge close relationships with their most valuable customers. With recent advances in networking and database management, firms have both the motivation and the means for improving their Customer Relationship Management (CRM) strategies. This book focuses on the actuality of implementing CRM. It is about the organization's ability to provide a seamless and personalized experience to each customer rather than a transactional or product-focused approach where the future of the relationship is not an over-riding consideration. This book connects CRM systems implementation with organizational change for the first time. It looks into the factors that distinguish firms which connect with their customers and gain customer loyalty with firms that are not as successful. It also describes the micro-processes that occur on a daily basis in a company and all the small decisions managers and employees take during the implementation of change and the creation of knowledge. Finnegan and Willcocks note that CRM implementation is not the straightforward process that many of the trade

publications would have us believe. They state the failure rate of large CRM projects may be as high as 70%. Through the lens of two detailed case studies, the authors investigate why CRM is no panacea.

Dieses Buch bringt Ihnen die Robotic Process Automation in der Finanzwirtschaft näher. In der Finanzbranche ist das Thema Prozessautomatisierung seit Jahren nicht mehr wegzudenken. Doch wie setzt man solche Veränderungen im Rahmen des Changemanagements erfolgreich und effizient um? Das Buch „Robotic Process Automation in der Finanzwirtschaft“ zeigt es Ihnen. Im Fokus steht der recht junge RPA-Ansatz aus der Intelligent Automation. Dabei imitieren Roboter das menschliche Handeln. Die Eingabe von Befehlen erfolgt direkt über die Oberfläche. So gehören tiefgreifende Softwareveränderungen der Vergangenheit an. Im Zuge dessen klärt dieses Buch u. a. folgende Fragen bezüglich der Robotic Process Automation in der Finanzwirtschaft:

- Was ist RPA überhaupt?**
- Welche Vorteile bringt diese Technologie mit sich?**
- Welche Erfolgsfaktoren tragen zu einer optimalen RPA-Implementierung bei?**
- Wie sieht ein mögliches RPA-Kompetenzcenter aus?**
- Welche**

Anwendungsbereiche für RPA gibt es? Eine Leseempfehlung für ein breites Zielpublikum Daneben beschäftigen sich die Autoren nicht nur mit dem Ist-Zustand der Robotic Process Automation. Zudem erhalten Sie einen Ausblick auf die zukünftige Entwicklung dieser Software-Lösung. Durch den hohen Praxisbezug ist das Buch speziell für folgende Zielgruppen eine lesenswerte Empfehlung:

- **Verantwortliche für die Implementierung von Prozessen oder Technologien im IT-Bereich**
- **RPA-Anwender und Personen, die sich dafür interessieren**
- **Erfahrene Experten und Praktiker, die branchenübergreifend mit RPA vertraut sind**

This book is for strategists, leaders, managers, entrepreneurs who are so caught up in the daily pressures of business that they're missing key signals of their future reality. It's like driving a car heads down, staring at the dashboard, rather than heads up, looking through the windshield. We need to do both. The book is devoted to the practice of sensing, or scanning the horizon for signs of emerging trends. The sooner we see them, the better our response. Each chapter starts with a set of signals, data we observed that, taken together, helped us to reveal a trend. The impact of new technology on strategy is a theme of the book, and

each chapter looks at how organizations are using new technologies to their advantage. The goal is to spark meaningful conversations within organizations: How could we participate in the collaborative economy? What could our CIO and our CMO be doing to drive strategy, innovation, and revenue growth? What could we do to leverage the Internet of Things and intelligent automation as catalysts of invention? Could we use MOOCs as pivots for corporate training, recruiting, and marketing? How might technology transform the manufacturing process, our supply chain, and the knowledge work that we do? Could we take advantage of the renaissance in domestic energy (oil and gas)? What could we be doing to counter cyber crime? What is our organization doing to tune into signals of emerging trends that may be relevant to us? In an environment where the pace of change is accelerating, sensing has become an essential discipline for all organizations. No matter your role in an organization, sensing emerging trends can make you more effective and more valuable in your work. If you've been working too heads-down lately and feel overwhelmed by data and deadlines, then this book is for you. It's a quick read designed to give you a heads up on your horizon.

Understand everything you need to know about Oracle's Integration Cloud Service and how to utilize it optimally for your business
About This Book The only guide to Integration Cloud Service in the market Focused on practical action to deliver business value A professional's guide to an expensive product, providing comprehensive training, and showing how to extract real business value from the product **Who This Book Is For** This book is ideal for any IT professional working with ICS, any Oracle application or cloud solution developer or analyst who wants to work with ICS to deliver business value. **What You Will Learn** Use ICS to integrate different systems together without needing to be a developer Gain understanding of what a number of technologies and standards provide - without needing to understand the fine details of those standards and technologies Understand the use of connectors that Oracle provide from technology based connections such as file and database connections to SaaS solutions ranging from Salesforce to Twitter Enrich data and extend SaaS integration to route to different instances Utilize a number of tools to help develop and check that your integrations work before connecting to live systems Introduce and explain integration concepts so that the integrations

created are maintainable and sustainable for the longer term Provide details on how to keep up to date with the features that Oracle and partners provide in the future Get special connections developed to work with ICS In Detail Businesses are built on data, and applications that access that data. In modern businesses the same cloud-based data stores and applications might be accessed by hundreds of different applications from thousands of different devices via APIs. To make this happen, APIs must be wired together i.e. integrated. Oracle Integration Cloud Service provides a complete method for integrating enterprise applications in the cloud. Integration Cloud Service (ICS) provides a cloud hosted means to integrate systems together using a graphical means to define and represent integrations. This book will be a comprehensive, hands-on guide to building successful, high-availability integrations on ICS. This book sets out to demonstrate how ICS can be used to effectively implement integrations that work both in the cloud and on premise. It starts with a fast, practical introduction to what ICS can do for your business and then shows how ICS allows you to develop integrations not only quickly but in a way that means they are maintainable and extensible.

Gradually it moves into more advanced integrations, showing how to achieve sophisticated results with ICS and work with external applications. Finally the book shows you how to monitor cloud apps and go beyond ICS to build even more powerful integrated applications. By the end of the book, you will have the knowledge on how to use ICS to solve your own integration needs and harness the technologies in a maintainable and sustainable manner. Style and approach This book will take a pragmatic approach and will be a business-focused guide to delivering business value with ICS.

The Executive Guide to Artificial Intelligence

Technology - Implementation - Success For Decision Makers and Users

Why Businesses Succeed When IT Triumphs

Robotics Process Automation

Offshore

From Technology to Knowledge

Business Process Management Workshops

This document brings together a set of latest data points and publicly available information relevant for Agile & AI Operations Industry. We are very excited to share this

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content and believe that readers will benefit from this periodic publication immensely.

'Making IT Count: from strategy to implementation' focuses on the practical elements of delivering Information Technology strategy. Studies regularly show that over half of Information Technology strategies are never implemented, or are unsuccessful in delivering the desired results, and that a significant percentage of strategies implemented were never in the original plans. The linkage between strategy development and delivery needs a very clear focus; this is the key topic that the authors address. The book highlights eight major fallacies in managing IT, and eighteen better practices. It then details how to draw up strategy, instigate navigation techniques and make sourcing decisions. Change and delivery are a major focus, as is infrastructure development. Caselets and full length case studies of organizations such as General Electric, Siemens, Colonial Mutual, Charles Schwab, Macquarie Bank, ICI, United Airlines, Norwich Union, Walgreens and Dell and have been

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included to show how strategies have been successfully implemented and managed.

TESTIMONIALS “One of the most important books of our times!”
– Bernard Marr “An essential reading for anybody who cares about the future of work” – Arianna Huffington “This insightful and practical guidebook is instrumental for success in the Fourth Industrial Revolution” – Klaus Schwab, founder of the World Economic Forum “An insightful exploration of Intelligent Automation” – Dr. Kai-Fu Lee, Author of NYT Bestseller "AI Superpowers" “This field guide is essential reading” – Gartner “Masterful insight, this book is more relevant than ever” – HFS “This book needed to be written” – Forrester ABOUT THE BOOK This is the first book on Intelligent Automation (IA). Also called Hyperautomation, it is one of the most recent trends in the field of artificial intelligence. IA is a cutting-edge combination of methods and technologies, involving people, organizations, machine learning, low-code platforms, robotic process automation (RPA), and more. This book is for

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everyone - whether you are an experienced practitioner, new to the topic, or simply interested in what the future holds for enterprises, work, life, and society as a whole. Key content of the book: > What is Intelligent Automation (IA)? Why has the use of IA been expanding so rapidly? What are the benefits it unleashes for employees, companies, customers, and society? > How have leading organizations been able to harness the full potential of IA, at scale, and generate massive efficiency gains in the range of 20 to 60%? > How can IA save 10+ million lives per year, triple our global budget for education, eliminate hunger, help protect our planet, or increase the resilience of society to pandemics and crises? What you will get from this book: > Get the lessons learned from 100+ IA transformation successes (and failures) > Benefit from the largest publicly available library of 500+ IA use cases by industry and by business function > Gain access to insights garnered from 200+ IA industry experts Read more about this book: www.intelligentautomationbook.com and get it on Amazon:

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<https://www.amazon.fr/dp/B08KFLY51Y> WHY THIS BOOK? While many books have been published on AI, machine learning, or robotics, a comprehensive reference guidebook had never yet been written on the topic of IA. Also, it seemed essential to us to work towards establishing IA as a field, with its own frameworks, use cases, methods, and critical success factors. ABOUT THE AUTHORS Pascal Borner is a recognized global expert, thought leader, and pioneer in the field of intelligent automation (IA). He founded and led the IA practices for McKinsey & Company and Ernst & Young (EY), where he drove hundreds of IA transformations across industries. Borner is a member of the Forbes Technology Council, and he was awarded Global Top Voice in Technology 2019. Ian Barkin is Chief Strategy & Marketing Officer at SYKES. He is a globally recognized thought leader and veteran in the IA space. Barkin co-founded Symphony Ventures, a pure-play IA consulting company providing cutting-edge services across all sectors. In 2018, the company was acquired for US\$69 million by SYKES, a NASDAQ-

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listed global leader. Dr. Jochen Wirtz is Vice-Dean MBA Programmes at the National University of Singapore Business School, and Professor of Marketing. He is a well-known and highly acclaimed author with more than 20 books published, including "Services Marketing - People, Technology, Strategy". His research has been published in over 100 academic journal articles, and he received over 40 awards. Robotic Process Automation helps businesses to automate systems to reduce human efforts for tasks that are monotonous and can be performed by machines. This project based guide expands on the RPA principles and helps you build automation solutions for the real world using the most popular RPA tools - UiPath and Automation Anywhere Cloud. Robotic Process and Cognitive Automation: The Next Phase Blue Prism: Excel Automation T-Byte Agile & AI Operations July 2021 Futureproof The Definitive Guide Cutting-Edge Evolutions of Information Technology

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President Putin's explicit declaration that the country that makes progress in artificial intelligence will rule the world has launched a new race for dominance. In this era of cognitive competition and total automation, every country understands that it must rapidly adopt AI or go bust. To stay competitive a country must have a strategy. But how should a government proceed? What areas it must focus on? Where should it even start? This book provides answers to these important, yet pertinent, questions and more.

Presenting the viewpoints of global experts and thought leaders on key issues relating to AI and government policies, this book directs us to the future.

Many industry experts consider unsupervised learning the next frontier in artificial intelligence, one that may hold the key to general artificial intelligence. Since the majority of the world's data is unlabeled, conventional supervised learning cannot be applied. Unsupervised learning, on the other hand, can be applied to unlabeled datasets to discover meaningful patterns buried deep in the

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data, patterns that may be near impossible for humans to uncover. Author Ankur Patel shows you how to apply unsupervised learning using two simple, production-ready Python frameworks: Scikit-learn and TensorFlow using Keras. With code and hands-on examples, data scientists will identify difficult-to-find patterns in data and gain deeper business insight, detect anomalies, perform automatic feature engineering and selection, and generate synthetic datasets. All you need is programming and some machine learning experience to get started. Compare the strengths and weaknesses of the different machine learning approaches: supervised, unsupervised, and reinforcement learning Set up and manage machine learning projects end-to-end Build an anomaly detection system to catch credit card fraud Clusters users into distinct and homogeneous groups Perform semisupervised learning Develop movie recommender systems using restricted Boltzmann machines Generate synthetic images using generative adversarial networks

Robotic Process Automation with Blue Prism Quick Start

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GuideCreate software robots and automate business processesPackt Publishing Ltd

"The authors' clear visual style provides a comprehensive look at what's currently possible with artificial neural networks as well as a glimpse of the magic that's to come."

–Tim Urban, author of *Wait But Why Fully Practical, Insightful Guide to Modern Deep Learning* Deep learning is transforming software, facilitating powerful new artificial intelligence capabilities, and driving unprecedented algorithm performance. *Deep Learning Illustrated* is uniquely intuitive and offers a complete introduction to the discipline's techniques. Packed with full-color figures and easy-to-follow code, it sweeps away the complexity of building deep learning models, making the subject approachable and fun to learn. World-class instructor and practitioner Jon Krohn—with visionary content from Grant Beyleveld and beautiful illustrations by Aglaé Bassens—presents straightforward analogies to explain what deep learning is, why it has become so popular, and how it

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relates to other machine learning approaches. Krohn has created a practical reference and tutorial for developers, data scientists, researchers, analysts, and students who want to start applying it. He illuminates theory with hands-on Python code in accompanying Jupyter notebooks. To help you progress quickly, he focuses on the versatile deep learning library Keras to nimbly construct efficient TensorFlow models; PyTorch, the leading alternative library, is also covered. You'll gain a pragmatic understanding of all major deep learning approaches and their uses in applications ranging from machine vision and natural language processing to image generation and game-playing algorithms. Discover what makes deep learning systems unique, and the implications for practitioners Explore new tools that make deep learning models easier to build, use, and improve Master essential theory: artificial neurons, training, optimization, convolutional nets, recurrent nets, generative adversarial networks (GANs), deep reinforcement learning, and more Walk through building interactive deep

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learning applications, and move forward with your own artificial intelligence projects Register your book for convenient access to downloads, updates, and/or corrections as they become available. See inside book for details.

A Guide to Implementing RPA Systems

Build real-world RPA solutions using UiPath and Automation Anywhere

T Bytes Agile & AI Operations

Artificial Intelligence Basics

Hands-On Unsupervised Learning Using Python

Robotic Operating Model (ROM) Architect Exam Practice Questions and Dumps

BPM 2017 International Workshops, Barcelona, Spain, September 10-11, 2017, Revised Papers

"Just some years before, there have been no throngs of Machine Learning, scientists developing intelligent merchandise and services at major corporations and startups. Once the youngest folks (the authors) entered the sector, machine learning didn't command headlines in daily newspapers. Our oldsters had no plan what machine learning was, including why we would like it to a career in medication or law. Machine learning was an advanced tutorial discipline with a

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slender set of real-world applications. And people applications, e.g. speech recognition and pc vision, needed most domain data that they were usually thought to be separate areas entirely that machine learning was one tiny part. Neural networks, the antecedents of the deep learning models that we tend to specialize in during this book, were thought to be out-of-date tools. In simply the previous five years, deep learning has taken the world by surprise, using fast progress in fields as diverse as laptop vision, herbal language processing, computerized speech recognition, reinforcement learning, and statistical modelling. With these advances in hand, we can now construct cars that power themselves (with increasing autonomy), clever reply structures that anticipate mundane replies, assisting humans to dig out from mountains of email, and software program retailers that dominate the world's first-class people at board video games like Go, a feat once deemed to be a long time away. Already, these equipment are exerting a widening impact, changing the way films are made, diseases are...diagnosed, and enjoying a developing role in simple sciences – from astrophysics to biology. This e-book represents our attempt to make deep learning approachable, instructing you each the concepts, the context, and the code."

This book takes a pragmatic and hype-free approach to explaining artificial intelligence and how it can be utilised by businesses today. At the core of the book is a framework, developed by the author, which describes in non-technical language the eight core capabilities of Artificial Intelligence (AI). Each of these capabilities, ranging from image recognition, through natural language processing, to prediction, is explained using real-life examples and how they can be applied in a business environment. It will include interviews with executives who have successfully implemented AI as well as CEOs from AI vendors and consultancies. AI is one of the

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most talked about technologies in business today. It has the ability to deliver step-change benefits to organisations and enables forward-thinking CEOs to rethink their business models or create completely new businesses. But most of the real value of AI is hidden behind marketing hyperbole, confusing terminology, inflated expectations and dire warnings of 'robot overlords'. Any business executive that wants to know how to exploit AI in their business today is left confused and frustrated. As an advisor in Artificial Intelligence, Andrew Burgess regularly comes face-to-face with business executives who are struggling to cut through the hype that surrounds AI. The knowledge and experience he has gained in advising them, as well as working as a strategic advisor to AI vendors and consultancies, has provided him with the skills to help business executives understand what AI is and how they can exploit its many benefits. Through the distilled knowledge included in this book business leaders will be able to take full advantage of this most disruptive of technologies and create substantial competitive advantage for their companies.

A fundamental objective of Artificial Intelligence (AI) is the creation of intelligent computer programs. In more modest terms AI is simply concerned with expanding the repertoire of computer applications into new domains and to new levels of efficiency. The motivation for this effort comes from many sources. At a practical level there is always a demand for achieving things in more efficient ways. Equally, there is the technical challenge of building programs that allow a machine to do something a machine has never done before. Both of these desires are contained within AI and both provide the inspirational force behind its development. In terms of satisfying both of these desires there can be no better example than machine learning. Machines that can learn have an in-built efficiency. The same software can be applied in many applications

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and in many circumstances. The machine can adapt its behaviour so as to meet the demands of new, or changing, environments without the need for costly re-programming. In addition, a machine that can learn can be applied in new domains with the genuine potential for innovation. In this sense a machine that can learn can be applied in areas where little is known about possible causal relationships, and even in circumstances where causal relationships are judged not to exist. This last aspect is of major significance when considering machine learning as applied to financial forecasting.

Learn how to design and develop robotic process automation solutions with Blue Prism to perform important tasks that enable value creation in your work Key Features Develop robots with Blue Prism Automate your work processes with Blue Prism Learn basic skills required to train a robot for process automation Book Description Robotic process automation is a form of business process automation where user-configured robots can emulate the actions of users. Blue Prism is a pioneer of robotic process automation software, and this book gives you a solid foundation to programming robots with Blue Prism. If you've been tasked with automating work processes, but don't know where to start, this is the book for you! You begin with the business case for robotic process automation, and then move to implementation techniques with the leading software for enterprise automation, Blue Prism. You will become familiar with the Blue Prism Studio by creating your first process. You will build upon this by adding pages, data items, blocks, collections, and loops. You will build more complex processes by learning about actions, decisions, choices, and calculations. You will move on to teach your robot to interact with applications such as Internet Explorer. This can be used for spying elements that identify what your robot needs to interact with on the screen. You will build the logic behind a business objects

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by using read, write, and wait stages. You will then enable your robot to read and write to Excel and CSV files. This will finally lead you to train your robot to read and send emails in Outlook. You will learn about the Control Room, where you will practice adding items to a queue, processing the items and updating the work status. Towards the end of this book you will also teach your robot to handle errors and deal with exceptions. The book concludes with tips and coding best practices for Blue Prism. What you will learn Learn why and when to introduce robotic automation into your business processes Work with Blue Prism Studio Create automation processes in Blue Prism Make use of decisions and choices in your robots Use UI Automation mode, HTML mode, Region mode, and spying Learn how to raise exceptions Get the robot to deal with errors Learn Blue Prism coding best practices Who this book is for The book is aimed at end users such as citizen developers who create business processes, but may not have the basic programming skills required to train a robot.No experience of BluePrism is required.

World Class IT

INTELLIGENT AUTOMATION

Robotic Process Automation

Policy and Government Applications

Signals for Strategists

How to Build Applied Machine Learning Solutions from Unlabeled Data

The Robotic Process Automation Handbook

Learn how to streamline Excel processes using Blue Prism, a powerful robotic process automation (RPA) tool.

Get up and running with Blue Prism, an industry-leading robotic process automation (RPA) tool. Discover how to build automations and deliver automation solutions.

The hype and fear, globally, that surrounds service automation, robots and the future of work need to be punctured by in-depth research. This book, by Professors Leslie Willcocks and Mary Lacity, captures a year's worth of learning about service automation based on a survey, in-depth client case studies, and interviews with service automation clients, providers, and advisors. The authors cleverly embed today's empirical lessons into the broader history and context of automation, as a vital key in understanding the fast-rising phenomenon of service automation. The authors give a balanced, informed and compelling view on gaining the many benefits, as well as managing the downsides, of present and future technologies. The book has a number of key selling points: The authors are globally recognised for outstanding, world-class research; the book describes types of automation and gives evidence for multiple business benefits; in-depth case studies are included - from clients, providers and advisors of service automation; 25 key lessons are given, on how to deploy service automation in the workplace and there is a focus on the future of work,

including robotic process automation, with valuable predictions and critique.

The Robotic Operating Model (ROM) is Blue Prism's industry leading approach to successfully deliver maximum business benefit through the scaled deployment of Robotic Process Automation (RPA). It has been developed based on more than a decade of experience and knowledge of deploying Blue Prism at scale in countries and industries across the globe. The ROM has been designed to integrate fully with an organization's existing change management systems, thereby removing the need for additional procedural and governance obligations. Here we've brought best Exam practice questions for Robotic Operating Model (ROM) so that you can prepare well for ARA01 exam. Unlike other online simulation practice tests, you get a Paperback version that is easy to read & remember these questions. You can simply rely on these questions for successfully certifying this exam.

Implementing CRM

Techniques to fuel business productivity and intelligent automation using RPA

The Outsourcing Enterprise

Create software robots and automate business processes

Learning Robotic Process Automation

Robots and the Future of Work

Robotic Process Automation (RPA) in the Financial Sector

Evidence shows that organizations with both a CEO and a team involved in sourcing strategy and supplier configuration make more effective decisions. If the wrong supplier is chosen, performance can be negatively affected. Here the authors look at how companies can improve their outsourcing capabilities.

Artificial intelligence touches nearly every part of your day. While you may initially assume that technology such as smart speakers and digital assistants are the extent of it, AI has in fact rapidly become a general-purpose technology, reverberating across industries including transportation, healthcare, financial services, and many more. In our modern era, an understanding of AI and its possibilities for your organization is essential for growth and success. Artificial Intelligence Basics has arrived to equip you with a fundamental, timely grasp of AI and its impact. Author Tom Taulli provides an engaging, non-technical introduction to important concepts such as machine learning, deep

learning, natural language processing (NLP), robotics, and more. In addition to guiding you through real-world case studies and practical implementation steps, Taulli uses his expertise to expand on the bigger questions that surround AI. These include societal trends, ethics, and future impact AI will have on world governments, company structures, and daily life. Google, Amazon, Facebook, and similar tech giants are far from the only organizations on which artificial intelligence has had—and will continue to have—an incredibly significant result. AI is the present and the future of your business as well as your home life. Strengthening your prowess on the subject will prove invaluable to your preparation for the future of tech, and Artificial Intelligence Basics is the indispensable guide that you've been seeking. What You Will Learn Study the core principles for AI approaches such as machine learning, deep learning, and NLP (Natural Language Processing) Discover the best practices to successfully implement AI by examining case studies including Uber, Facebook, Waymo, UiPath, and Stitch Fix Understand how AI capabilities for robots can improve business Deploy chatbots and Robotic Processing Automation (RPA) to save costs and improve

customer service Avoid costly gotchas Recognize ethical concerns and other risk factors of using artificial intelligence Examine the secular trends and how they may impact your business Who This Book Is For Readers without a technical background, such as managers, looking to understand AI to evaluate solutions.

This book examines real-world implementations of service automation technologies using Robotic Process Automation and Cognitive Automation tools. This newest, detailed research finds that RPA adoptions are accelerating, maturing, and scaling in global enterprise. The research covers multiple industries, applications, and shared services, and uses case studies to establish action principles and how to mitigate automation risks. The book also examines the first enterprise-worthy cognitive automation tools that use machine-learning algorithms to process big data, often in natural language form, and analyses three major detailed cases and the conditions for effective implementation. The book includes interviews with major clients, providers and analysts, and a detailed analysis of the automation and future of work debate. The book provides a compelling and incisive, evidence-based perspective on the direction and

management of service automation, taking trends through to 2025. Automation technologies like RPA, CA, and the newest Blockchain technologies are found to transform and elevate human work rather than eliminate it.

This book constitutes the proceedings of the Blockchain and Robotic Process Automation (RPA) Forum which was held as part of the 18th International Conference on Business Process Management, BPM 2020. The conference was planned to take place in Seville, Spain, in September 2020. Due to the COVID-19 pandemic the conference took place virtually. The Blockchain Forum and the RPA Forum have in common that they are centered around an emerging and exciting technology. The blockchain is a sophisticated distributed ledger technology, while RPA software allows for mimicking human, repetitive actions. Each of these have the potential to fundamentally change how business processes are being orchestrated and executed in practice. The BPM community has embraced these technologies as objects of analysis, design, development, and evaluation. The 14 full plus one short paper presented in this volume were carefully reviewed and selected from a total of 28 submissions.

Exploring the Worlds of Global Outsourcing

Create Software robots and automate business processes with the leading RPA tool - UiPath

Learn how to harness Artificial Intelligence to boost business & make our world more human

Sensing Emerging Trends in Business and Technology

Business Process Management: Blockchain and Robotic Process Automation Forum

Becoming Strategic with Robotic Process Automation

Implementing Oracle Integration Cloud Service

Robotics & Cognitive technology is changing the world around you Robotic Process Automation (RPA) is an exciting field that is revolutionizing the way tasks are done. Algorithms are taking over the jobs done by individuals in various markets. RPA is perfect for eliminating redundant, repetitive tasks that are holding you back from working on things that really require your attention. We are on the cusp of a revolution that is going to eliminate a lot of jobs. Rather than wait for your own job to get automated or redundant, we recommend joining the automation revolution and obtaining the skills that will enable further automation. Rise of the Robots This is the perfect book for you if you are looking to become

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an automation consultant - a field that is poised to grow dramatically in the next few years with mass unemployment becoming an increasingly probable reality. Getting into automation by specializing in RPA is an option for people who are programmers as well as non-programmers due to their intuitive design & no-code developer environments. This fascinating book features quick-start advice on how to get going with this powerful technology. We will be looking at deployment strategies, platform selection guidance, RPA project management, programming techniques and automation scenarios across a variety of different applications like Windows, Microsoft Excel, Databases, SAP, etc. Richard provides an overview of multiple, highly rated RPA platforms including Blue Prism, UiPath, Automation Anywhere, Softomotive Winautomation, etc. He also looks at the future of automation and how cognitive technologies, Machine Learning & Artificial Intelligence are expected to dramatically enhance the speed and efficiency of business in the machine age. RPA is being successfully applied to e-commerce, back-office processes, banks, financial service companies, Business Process Outsourcing, etc. Contents include: The evolution of automation technology How RPA is transforming enterprises Overview of RPA Platforms Robot Security RPA Use Cases A must-read for entrepreneurs looking to cut costs at their startup, programmers who want to stay relevant in a fast-changing

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world of automation, students or anyone looking to transform their careers, lives and the world around them.

A course in a book for passing Blue Prism certification exams ! Blue Prism certification exams are quite intensive and require advanced knowledge of Blue Prism concepts. This edition includes scenario-based questions, which comprise many of the questions found on the exam as well as some challenging shorter questions. This edition includes hundreds of sample questions and critical time saving tips from each of knowledge areas presented in the Blue Prism exam syllabus for developer and professional developer certifications. These references provide an understanding of the types of exam questions that fall within each of the Blue Prism concepts. It also includes questions specifically related to knowledge areas and the various inputs, tools and techniques, and outputs. An essential self-study resource that can help to increase your chances of passing the Blue Prism certification exam the first time. This book helps you to:

- Ensure you pass the exam on your FIRST attempt
- Focus on exam preparation
- Acquire valuable tools and techniques for development
- Decrease your study time by hundreds of hours

A New York Times bestselling author and tech columnist's counter-intuitive guide to staying relevant - and employable - in the machine age by becoming

irreplaceably human. It's not a future scenario any more. We've been taught that to compete with automation and AI, we'll have to become more like the machines themselves, building up technical skills like coding. But, there's simply no way to keep up. What if all the advice is wrong? And what do we need to do instead to become futureproof? We tend to think of automation as a blue-collar phenomenon that will affect truck drivers, factory workers, and other people with repetitive manual jobs. But it's much, much broader than that. Lawyers are being automated out of existence. Last year, JPMorgan Chase built a piece of software called COIN, which uses machine learning to review complicated contracts and documents. It used to take the firm's lawyers more than 300,000 hours every year to review all of those documents. Now, it takes a few seconds, and requires just one human to run the program. Doctors are being automated out of existence, too. Last summer, a Chinese tech company built a deep learning algorithm that diagnosed brain cancer and other diseases faster and more accurately than a team of 15 top Chinese doctors. Kevin Roose has spent the past few years studying the question of how people, communities, and organisations adapt to periods of change, from the Industrial Revolution to the present. And the insight that is sweeping through Silicon Valley as we speak -- that in an age dominated by machines, it's human skills that really matter - is one

of the more profound and counter-intuitive ideas he's discovered. It's the antidote to the doom-and-gloom worries many people feel when they think about AI and automation. And it's something everyone needs to hear. In nine accessible, prescriptive chapters, Roose distills what he has learned about how we will survive the future, that the way to become futureproof is to become incredibly, irreplaceably human.

This book constitutes revised papers from the eleven International Workshops held at the 15th International Conference on Business Process Management, BPM 2017, in Barcelona, Spain, in September 2017: BPAI 2017 – 1st International Workshop on Business Process Innovation with Artificial Intelligence; BPI 2017 – 13th International Workshop on Business Process Intelligence; BP-Meet-IoT 2017 – 1st International Workshop on Ubiquitous Business Processes Meeting Internet-of-Things; BPMS2 2017 – 10th Workshop on Social and Human Aspects of Business Process Management; CBPM 2017 – 1st International Workshop on Cognitive Business Process Management; CCABPM 2017 – 1st International Workshop on Cross-cutting Aspects of Business Process Modeling; DeHMiMoP 2017 – 5th International Workshop on Declarative/Decision/Hybrid Mining & Modeling for Business Processes; QD-PA 2017 – 1st International Workshop on Quality Data for Process Analytics;

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REBPM 2017 – 3rd International Workshop on Interrelations between Requirements Engineering and Business Process Management; SPBP 2017 – 1st Workshop on Security and Privacy-enhanced Business Process Management; TAProViz-PQ-IWPE 2017 –Joint International BPM 2017 Workshops on Theory and Application of Visualizations and Human-centric Aspects in Processes (TAProViz'17), Process Querying (PQ'17) and Process Engineering (IWPE17). The 44 full and 11 short papers presented in this volume were carefully reviewed and selected from 99 submissions.

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Create Automation apps and deploy them to all the computers in your department. Book Description Robotic Process Automation (RPA) enables automating business processes using software robots. Software robots interpret, trigger responses, and communicate with other systems just like humans do. Robotic processes and intelligent automation tools can help businesses improve the effectiveness of services faster and at a lower cost than current methods. This book is the perfect start to your automation journey, with a special focus on one of the most popular RPA tools: UiPath. Learning Robotic Process Automation takes you on a journey from understanding the basics of RPA to advanced implementation techniques. You will become oriented in the UiPath interface and learn about its workflow. Once you are familiar with the environment, we will get hands-on with automating different applications such as Excel, SAP, Windows and web applications, screen and web scraping, working with user events, as well as understanding exceptions and debugging. By the end of the book, you'll not only be able to build your first software bot, but also you'll wire it to perform various automation tasks with the help of best practices for bot deployment. What you will learn Understand Robotic Process Automation technology Learn UiPath programming techniques to deploy robot configurations Explore various data extraction techniques Learn about integrations with various popular applications such as SAP and MS Office Debug a programmed robot including logging and exception handling Maintain code version and source control Deploy and control Bots with UiPath Orchestrator Who this book is for If you would like to pursue a career in Robotic Process Automation or improve the efficiency of your businesses by automating common tasks, then this book is perfect for you. Prior programming knowledge of either Visual Basic or C# will be useful.

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World Class IT Technology is all around us. It is so pervasive in our daily lives that we may not even recognize when we interact with it. Despite this fact, many companies have yet to leverage information technology as a strategic weapon. What then is an information technology executive to do in order to raise the prominence of his or her department? In World Class IT, recognized expert in IT strategy Peter High reveals the essential principles IT executives must follow and the order in which they should follow them whether they are at the helm of a high-performing department or one in need of great improvement. Principle 1: Recruit, train, and retain World Class IT people Principle 2: Build and maintain a robust IT infrastructure Principle 3: Manage projects and portfolios effectively Principle 4: Ensure partnerships within the IT department and with the business Principle 5: Develop a collaborative relationship with external partners The principles and associated subprinciples and metrics introduced in World Class IT have been used by IT and business executives alike at many Global 1000 companies to monitor and improve IT's performance. Those principles pertain as much to the leaders of IT as they do to those striving to emulate them.

Microsoft Excel became one of the world's most popular business applications because it helps professionals efficiently organize, analyze, and present information. With Blue Prism, a powerful robotic process automation (RPA) tool, you can be even more productive with Excel. Blue Prism comes with an Excel VBO file that you can leverage to quickly start automating key Excel processes. In this course, join Marchela Bozhilova as she goes over the basics of Excel automation in Blue Prism. She shares best practices as she demonstrates how to create an end-to-end process to generate a consolidated report that extracts data from other sources. Along the way, she covers key Excel VBO functionality, including how to work with

environment variables and filter collections.

Offshore outsourcing-the movement of jobs to lower-wage countries-is one of the defining features of globalization. Routine blue-collar work has been going offshore for decades, but the digital revolution beginning in the 1990s extended this process to many parts of the service economy too. Politically controversial from the beginning, "offshoring" is conventionally seen as a threat to jobs, wages, and economic security in higher-income countries-having become synonymous with the dirty work of globalization. Even though the majority of corporations make some use of offshore outsourcing, fearful of negative publicity most now choose to manage these activities in a discreet manner. Partly as a result, the global sourcing business, now reckoned to be worth more \$120 billion, largely operates under the radar, its ocean-spanning activities in low-cost labor arbitrage being poorly documented and poorly understood. Offshore is the first sustained investigation of the workings of the global sourcing industry, its business practices, its market dynamics, its technologies, and its politics. The book traces the complex transformation of the worlds of global sourcing, from its origins in the new international division of labor in the 1970s, through the rapid growth of back-office economies in India and the Philippines since the 1990s, to the development of "nearshore" markets in Latin America and Eastern Europe. Recently, this evolving process of geographical and organizational restructuring has included experiments in "backshoring" within low-cost, ex-urban locations in the United States and a wave of software-enabled automation, which threatens to remove labor from many back offices altogether. In these and other ways, the offshore revolution continues.

A Visual, Interactive Guide to Artificial Intelligence

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Service Automation

Exam Review Questions for Blue Prism (ARA02) Exam Prep Updated Version

Robotic Process Automation with Blue Prism Quick Start Guide

9 Rules for Humans in the Age of Automation

Robotic Process Automation and Risk Mitigation

Blue Prism MasterClass: Developer & Professional Developer

The Robotic Operating Model (ROM) is Blue Prism 's industry leading approach to successfully deliver maximum business benefit through the scaled deployment of Robotic Process Automation (RPA). It has been developed based on more than a decade of experience and knowledge of deploying Blue Prism at scale in countries and industries across the globe. The ROM has been designed to integrate fully with an organization's existing change management systems, thereby removing the need for additional procedural and governance obligations. Here we 've brought best Exam practice questions for Robotic Operating Model (ROM) so that you can prepare well for ARA01 exam. Unlike other online simulation practice tests, you get an Ebook version that is easy to read & remember these questions. You can simply rely on these questions for successfully certifying this exam.

This Robotics Process Automation book describes the RPA platform for the future of business process automation. More precisely this RPA book has tried to innumerate the followings: 1. RPA that brings speed to your digital transformation. 2. RPA helps to get rid of resource burden and it's consequences. 3. This emphasizes Business

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process automation must be in the hands of the front line. 4. Only Automation Anywhere Enterprise combines consumer-like usability with enterprise-class reliability, and security for RPA that empowers the workforce to automate on their own, in real time. 5. What does RPA mean for business? Optimize labour investment Increase capacity on demand Increase speed and productivity Maximize availability Improve business process compliance Improve controls Improve auditability Enhance security deliver business intelligence Enable digital transformation Improve employee morale 6. Putting RPA to work and deploy your digital workforce in your businesses like insurance, finance, manufacturing and health care and also other. Deploy, manage and audit your Digital Workforce through a highly-intuitive RPA central command center, on-premise or in the cloud. This RPA book also enable you to learn more about AI and machine language also factory automation, safeguard your data, analyze and predict business performance, streamline your blended anywhere, big data ready for analytics. This book is made for BS/B,TECH and MS/M.TECH/MCA/MBA student who will have in-depth knowledge about RPA and its associated technologies falls in the same platform.

This book will help you get you up to speed with developing performant software robots to automate business processes. With the help of examples, practical case studies, and step-by-step instructions, you ' ll be able to make the most of Automation Anywhere for building RPA solutions.

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While Robotic Process Automation (RPA) has been around for about 20 years, it has hit an inflection point because of the convergence of cloud computing, big data and AI. This book shows you how to leverage RPA effectively in your company to automate repetitive and rules-based processes, such as scheduling, inputting/transferring data, cut and paste, filling out forms, and search. Using practical aspects of implementing the technology (based on case studies and industry best practices), you 'll see how companies have been able to realize substantial ROI (Return On Investment) with their implementations, such as by lessening the need for hiring or outsourcing. By understanding the core concepts of RPA, you 'll also see that the technology significantly increases compliance – leading to fewer issues with regulations – and minimizes costly errors. RPA software revenues have recently soared by over 60 percent, which is the fastest ramp in the tech industry, and they are expected to exceed \$1 billion by the end of 2019. It is generally seamless with legacy IT environments, making it easier for companies to pursue a strategy of digital transformation and can even be a gateway to AI. The Robotic Process Automation Handbook puts everything you need to know into one place to be a part of this wave. What You'll Learn Develop the right strategy and plan Deal with resistance and fears from employees Take an in-depth look at the leading RPA systems, including where they are most effective, the risks and the costs Evaluate an RPA system Who This Book Is For IT specialists and managers at mid-to-large companies

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A Non-Technical Introduction

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