

empowered life, and an indispensable handbook for health-care providers, policy makers, and others working to close the health gap among people of color. Says Gourdine, "I wrote this book to empower our community to solve our own health problems and save our own lives."

Leverage the Power of AI to Transform Organizations & Reshape Your Career

A Human's Guide to Machine Intelligence

A Playbook for Business Value and Digital Transformation

Own the A.I. Revolution: Unlock Your Artificial Intelligence Strategy to Disrupt Your Competition

Leadership Principles for the Next Era of Capitalism

How to Spark New Ideas and Create Your Company's Future

Artificial Intelligence for Managers

AI-nabled

Working Machines - An executive's guide to AI and Intelligent Automation, takes a look at how the renewed vigour for the development of Artificial Intelligence and Intelligent Automation technology has begun to change how businesses operate. It provides a step-by-step guide to building your own AI and Intelligent Automation strategies and frameworks, while also giving you insight into the way it is currently being used across multiple industries. This extensive guide is brought to you by the minds behind WeAreBrain and Tur.ai, experts in the AI, RPA and business automation fields.

♦♦ "Embrace artificial intelligence or be replaced by it." ♦♦ "AI is a new electricity." Andrew Ng "Have you ever thought that if AI is the new electricity, why does it not quickly inspire Managers/Leaders/C-Suites? If business leaders do not act, they must be prepared to lag behind competitors who adopt new technologies. Managers/Leaders/C-Suites and others who are willing to feel the spark of AI, should learn and understand AI immediately to know what AI can do and what it cannot. Did you know that AI is changing our world faster than we think? Artificial intelligence will affect all areas of life in ways we cannot even predict, whether we like it or not. According to research done by PricewaterhouseCoopers (PwC), by 2030, artificial intelligence can contribute up to US\$15.7 trillion to the global economy, so the opportunities for implementing and learning AI are huge. Companies that do not use AI will soon become obsolete. From making faster and better decisions to automating rote memorization to enabling robots to respond to emotions, artificial intelligence and machine learning have been reshaping business and society. Not investing in the organizational and technical requirements of adopting AI may mean that they are far behind and unable to compete in the future. Business is changing. Will you adapt or fall behind? Accelerate and deepen your understanding of the themes that shape the company's future. This book is suitable for business executives, business managers, business leaders, senior managers, technical leaders, students, and many people who want to understand artificial intelligence. It will take you to learn the concepts of machine learning, artificial intelligence and deep learning, more and how to use them to influence your business. Even if you do not have technical knowledge, you will understand AI, ML and its implementation. ♦♦ Key features ♦♦ nbsp; A must book for the business leader to understand AI and its application Understand strategy behind AI implementation Zero coding with simple explanation A straightforward explanation for important algorithms like TensorFlow, NLP, K-Means, Support Vector Machine, Supervised Learning, Unsupervised Learning, Ensemble Techniques, Regression, Clustering, and many more Grab your copy of this book to build artificial intelligence for business and stand to the best of times!

The Executive Guide to Artificial IntelligenceHow to identify and implement applications for AI in your organizationPalgrave Macmillan

Every new fintech uses artificial intelligence (AI). Some gain a competitive advantage. Others solve an old problem in a new way. All see better results than their non-AI competitors.Yet most banks and credit unions aren't even thinking about AI. With the increase in fintechs, we are at a unique time in history where banks, credit unions, and fintechs can work together to solve complex problems, improve service, improve financial performance, and step into the future. If you are a credit union or bank executive, board member, manager, or technophile, this crash course on AI in the financial space is for you!

From Rural America to Silicon Valley-Making AI Serve Us All

The AI-First Company

An Executive's Guide to Survive and Thrive in the AI Economy

What To Do When Machines Do Everything

Artificial Intelligence and Machine Learning for Business

Helping Financial Service Executives Prepare for an Artificial World

The Insights You Need from Harvard Business Review

A Guide for Teachers, Administrators, and Technology Leaders

Professionals are challenged each day by a changing landscape of technology and terminology. In recent history, especially the last 25 years there has been an explosion of terms and methods born that automate and improve decision-making and operations. One term called Analytics is an overarching description of a compilation of methodologies. But, AI (Artificial Intelligence), statistics, decision science, optimization which have been around for decades has resurged. Also, things like business intelligence, On-line Analytical Processing (OLAP) and many, many more have been born or reborn. How is someone to make sense of all this methodology, terminology? This book is meant to be read by the CEO and other executive decision makers in an organization, so that they can plan and implement a successful AI or analytics program. It builds on the information shared in It's All Analytics: The AI, Analytics and Data Science Landscape for Professionals in Healthcare, Business and Government, the first book in a series of three. Book II in this series is more for the lower level executive, manager or analytics architect responsible for design decisions at a broad and detailed level. And others that will be involved in the implementation of a successful analytics program. But in order to do that, these personnel need the full backing of the CEO and executive decision makers. It is appropriately focused on the business and people as well as the technology, emphasizing the need of the CEO and related decision makers to be fully engaged in the program, in order to have success. It's a quick read by senior level managers to provide a better understanding of analytics, AI and data science to help guide them in their decision-making process.

From driverless cars to pilotless planes, many functions that have previously required human labor can now be performed using artificial intelligence. For businesses, this use of AI results in reduced labor costs and, even more important, creating a competitive advantage. How does one look at any organization and begin the work of automating it in sensible ways? This book provides the blueprint for automating critical business functions of all kinds. It outlines the skills and technologies that must be brought to bear on replicating human-like thinking and judgment in the form of algorithms. Many believe that algorithm design is the exclusive purview of computer scientists and experienced programmers. This book aims to dispel that notion. An algorithm is merely a set of rules, and anyone with the ability to envision how different components of a business can interact with other components already has the ability to work in algorithms. Though many fear that the use of automation in business means human labor will no longer be needed, the author argues that organizations will re-purpose humans into different roles under the banner of automation, not simply get rid of them. He also identifies parts of business that are best targeted for automation. This book will arm business people with the tools needed to automate companies, making them perform better, move faster, operate cheaper, and provide great lasting value to investors.

Understand how to adopt and implement AI in your organization Key Features ? 7 Principles of an AI Journey ? The TUSCANE Approach to Become Data Ready ? The FAB-4 Model to Choose the Right AI Solution ? Major AI Techniques & their Applications: - CART & Ensemble Learning - Clustering, Association Rules & Search - Reinforcement Learning - Natural Language Processing - Image Recognition Description Most AI initiatives in organizations fail today not because of a lack of good AI solutions, but because of a lack of understanding of AI among its end users, decision makers and investors. Today, organizations need managers who can leverage AI to solve business problems and provide a competitive advantage. This book is designed to enable you to fill that need, and create an edge for your career. The chapters offer unique managerial frameworks to guide an organization's AI journey. The first section looks at what AI is; and how you can prepare for it, decide when to use it, and avoid pitfalls on the way. The second section dives into the different AI techniques and shows you where to apply them in business. The final section then prepares you from a strategic AI leadership perspective to lead the future of organizations. By the end of the book, you will be ready to offer any organization the capability to use AI successfully and responsibly - a need that is fast becoming a necessity. What will you learn ? Understand the major AI techniques & how they are used in business. ? Determine which AI technique(s) can solve your business problem. ? Decide whether to build or buy an AI solution. ? Estimate the financial value of an AI solution or company. ? Frame a robust policy to guide the responsible use of AI. Who this book is for This book is for Executives, Managers and Students on both Business and Technical teams who would like to use Artificial Intelligence effectively to solve business problems or get an edge in their careers. Table of Contents 1.Preface 2.Acknowledgement 3.About the Author 4.Section 1: Beginning an AI Journey a. AI Fundamentals b. 7 Principles of an AI Journey c. Getting Ready to Use AI 5.Section 2: Choosing the Right AI Techniques a. Inside the AI Laboratory b. How AI Predicts Values & Categories c. How AI Understands and Predicts Behaviors & Scenarios d. How AI Communicates & Learns from Mistakes e. How AI Starts to Think Like Humans 6.Section 3: Using AI Successfully & Responsibly a. AI Adoption & Valuation b. AI Strategy, Policy & Risk Management 7.Epilogue

Tomorrow's customers need to be targeted today! With emerging technology transforming customer expectations, it's more important than ever to keep a laser focus on the experience companies provide their customers. In The Customer of the Future, customer experience futurist Blake Morgan outlines ten easy-to-follow customer experience guidelines that integrate emerging technologies with effective strategies to combat disconnected processes, silo mentalities, and a lack of buyer perspective. Tomorrow's customers will insist on experiences that make their lives significantly easier and better. Companies will win their business not by just proclaiming that customer experience is a priority but by embedding a customer focus into every aspect of their operations. They'll understand how emerging technologies like artificial intelligence (AI), automation, and analytics are changing the game and craft a strategy to integrate them into their products and processes. The Customer of the Future explains how today's customers are already demanding frictionless, personalized, on-demand experiences from their products and services, and companies that don't adapt to these new expectations won't last. This book prepares your organization for these increasing demands by helping you do the following: Learn the ten defining strategies for a customer experience-focused company. Implement new techniques to shift the entire company from being product-focused to being customer-focused. Gain insights through case studies and examples on how the world's most innovative companies are offering new and compelling customer experiences. Craft a leadership development and culture plan to create lasting change at your organization.

Reclaiming Our Health

Artificial Intelligence in Schools

How to Get Ahead in a World of AI, Algorithms, Bots, and Big Data

Welcome to the World of Hyperautomation

Robot-Proof

The Executive's Guide: Conquer Your Market and Transform Your Organization with Data and Analytics

WIPO Technology Trends 2019 - Artificial Intelligence

A Framework for Better Human Experiences and Business Success

This bestselling book gives business leaders and executives a foundational education on how to leverage artificial intelligence and machine learning solutions to deliver ROI for your business.

Assessing the legal and practical questions posed by the use of artificial intelligence in national security matters The increasing use of artificial intelligence poses challenges and opportunities for nearly all aspects of society, including the military and other elements of the national security establishment. This book addresses how national security law can and should be applied to artificial intelligence, which enables a wide range of decisions and actions not contemplated by current law and security law and process, adopts a realistic approach in assessing how the law—even when not directly addressing artificial intelligence—can be used, or even misused, to regulate this new technology. His new book covers, among other topics, national security process, constitutional law, the law of armed conflict, arms control, and academic and corporate ethics. With his own background as a judge, he examines potential points of contention and litigation in an area where the law is unclear and certain answers. The Centaur's Dilemma also analyzes potential risks associated with the use of artificial intelligence in the realm of national security—including the challenges of machine-human interface, operating (or not operating) the national-security decision-making process at machine speed, and the perils of a technology arms race. Written in plain English, The Centaur's Dilemma will help guide policymakers, lawyers, and technology experts as they deal with the many legal and practical questions posed by the use of artificial intelligence in national security matters.

Artificial intelligence to plan and carry out the actions required for the nation's defense.

The Foundations of Execution and Success in the New World