Artificial Intelligence Strategies Applications And Models Through Search 2nd Edition | 9700cb3d94e26dab8afca184137f74100

Knowledge Based Automated Software Engineering

Applications of Artificial Intelligence

Artificial Intelligence for Asset Management and Investment

Applications of Artificial Intelligence for Decision-Making

Artificial Intelligence and Instruction

Artificial Intelligence Illuminated

Artificial Intelligence

Artificial Intelligence for Asset Management and Investment

Applications of Artificial Intelligence for Decision-Making

Artificial Intelligence and Instruction

Artificial Intelligence Illuminated
Enterprise Artificial Intelligence Transformation AI is everywhere. From doctor’s offices to cars and even refrigerators, AI technology is quickly infiltrating our daily lives. AI has the ability to transform simple tasks into technological feats at a human level. This will change the world, plain and simple. That’s why AI mastery is such a sought-after skill for tech professionals. Author Rashed Haq is a subject matter expert on AI, having developed AI and data science strategies, platforms, and applications for Publicis Groupe’s clients for over 10 years. He shares his expertise in the new book, Enterprise Artificial Intelligence Transformation. The first of its kind, this book grants technology leaders the insight to create and scale their AI capabilities and bring their companies into the new generation of technology. As AI continues to grow into a necessary feature for many businesses, more and more leaders are interested in harnessing the technology within their own organizations. In this new book, leaders will learn to master AI fundamentals, grow their career opportunities, and gain confidence in machine learning. Enterprise Artificial Intelligence Transformation covers a wide range of topics, including: Real-world AI use cases and examples Machine learning, deep learning, and slimantic modeling Risk management of AI models AI strategies for development and expansion AI Center of Excellence creating and management If you’re an industry, business, or technology professional that wants to attain the skills needed to grow your machine learning capabilities and effectively scale the work you’re already doing, you’ll find what you need in Enterprise Artificial Intelligence Transformation.

**Artificial Intelligence for Business Applications**

Artificial intelligence (AI) is on everybody’s minds these days. Most of the world’s leading companies are making massive investments in it. Governments are scrambling to catch up. Every single one of us who uses Google Search or any of the new digital assistants on our smartphones has witnessed first-hand how quickly these developments now go. Many analysts foresee truly disruptive changes in education, employment, health, knowledge generation, mobility, etc. But what will AI mean for defense and security? In a new study HCSS offers a unique perspective on this question. Most studies to date quickly jump from AI to autonomous (mostly weapon) systems. They anticipate future armed forces that mostly resemble today’s armed forces, engaging in fairly similar types of activities with a still primarily industrial-kinetic capability bundle that would increasingly be AI-augmented. The authors of this study argue that AI may have a far more transformational impact on defense and security whereby new incarnations of ‘armed force’ start doing different things in novel ways. The report sketches a much broader option space within which defense and security organizations (DSOs) may wish to invest in successive generations of AI technologies. It suggests that some of the most promising investment opportunities to start generating the sustainable security effects that our polities, societies and economies expect may lie in the realms of prevention and resilience. Also in those areas any large-scale application of AI will have to result from a preliminary open-minded (on all sides) public debate on its legal, ethical and privacy implications. The authors submit, however, that such a debate would be more fruitful than the current heated discussions about ‘killer drones’ or robots. Finally, the study suggests that the advent of artificial super-intelligence (i.e. AI that is superior across the board to human intelligence), which many experts now put firmly within the longer-term planning horizons of our DSOs, presents us with unprecedented risks but also opportunities that we have to start to explore. The report contains an overview of the role that ‘intelligence’ - the computational part of the ability to achieve goals in the world - has played in defense and security throughout human history; a primer on AI (what it is, where it comes from and where it stands today - in both civilian and military contexts); a discussion of the broad option space for DSOs it opens up; 12 illustrative use cases across that option space; and a set of recommendations for - especially - small- and medium sized defense and security organizations.

**Artificial Intelligence**

Artificial Intelligence Illuminated presents an overview of the background and history of artificial intelligence, emphasizing its importance in today’s society and potential for the future. The book covers a range of AI techniques, algorithms, and methodologies, including game playing, intelligent agents, machine learning, genetic algorithms, and Artificial Life. Material is presented in a lively and accessible manner and the author focuses on explaining how AI techniques relate to and are derived from natural systems, such as the human brain and evolution, and explaining how the artificial equivalents are used in the real world. Each chapter includes student exercises and review questions, and a detailed glossary at the end of the book defines important terms and concepts highlighted throughout the text.

**Thinking Machines**

"This reference offers a wide-ranging selection of key research in a complex field of study, discussing topics ranging from using machine learning to improve the effectiveness of agents and multi-agent systems to developing machine learning software for high frequency trading in financial markets"--Provided by publisher

**Artificial Intelligence III**

**Intelligent Systems and Applications**

This volume presents recent developments in the engineering applications of artificial intelligence. It encompasses such areas as neural networks, knowledge-based systems, object-oriented design, genetic algorithms, industrial planning, probabilistic reasoning and design.

**Artificial Intelligence and Evolutionary Algorithms in Engineering Systems**

**17th Innovative Applications of Artificial Intelligence Conference**
Artificial Intelligence for Marketing

Have you ever wondered how you could increment your business through the appropriate use of the most efficacious tools? Do you want to learn the best digital marketing strategies that allow you to outstand your competitors? Do you want to acquire new clients effortlessly by predicting their needs and requests? Do you want to take advantage of the main companies such as Facebook, Google, or Amazon to reach your goals? The book Artificial Intelligence for Business Applications explains the origins of the AI industry, giving details of how it came about. It details the value of AI (Artificial Intelligence) in today's world. The book discusses the different types of AI available to businesses today and how they can align themselves to benefit from the software. It tackles the promises and challenges of AI, giving the reader a holistic view of the industry. It details how businesses can take advantage of hopes while discussing how to turn the challenges into strengths. You will find information on how AI can benefit economies and will get information on how it is changing business processes, which include acquiring new customers. You will find information on the new types of services that are arising as AI is getting implemented on a global scale and you can find tips on how you can integrate virtual assistants into their business processes. In this book, you will find information on aligning the strategy of a business with AI, evaluating the impact of its implementation and the steps on how to plan their AI business strategy. You should read this book to learn how to predict consumer behavior using AI as it will affect the future of marketing and you will be able to learn about the different levels of predictions available across platforms. This book shares practical tips on how one can promote their Chatbot. Businesses will learn how to reduce their customer service workload using chatbots and autoresponders. One will get practical steps to use in scaling up their businesses using AI, particularly within the marketing context. The book contains the steps that will allow you to exploit the AI of big companies to build and improve your business; the companies discussed include Google, Amazon, Apple, and Facebook. In this book you will learn How to predict consumer behavior using AI. The benefits for your business How to evaluate and build AI strategies for your company How to easily acquire new customers How to set up a good email marketing strategy How to promote your chatbots and autoresponders How to use and exploit big companies AI to promote your business You will not need any specific skills. Even if you are a complete beginner, this book will be your starting point to accomplish all of your business goals. Would You Like To Know More? Scroll Up and Click "Add To Cart" NOW.

Enterprise Artificial Intelligence Transformation

Artificial Intelligence (AI) is a transformative technology capable of shaping the world's digital future. Realising its significance, most of the countries have devised their own strategic policies for deploying AI in various sectors encompassing digital infrastructure, manufacturing, education, research, health, agriculture, military and defence etc. While developed countries have already acquainted with AI and embracing the technology, application of AI in under-resourced countries are at nascent stage. This situation could crucially widen the gap between countries with advanced economy and less-developed nations. Some governments worldwide have introduced comprehensive policies to accelerate the use of AI, setting national guidelines for its future. Paradoxically, no two governance strategies for digital technologies are the same and the difference in the strategic approach are already surfacing. Comparative analysis of AI policies and strategic approaches is important to learn the intention of nations, their tech expertise, detrimental effort to lead the world vis-à-vis AI. The central aim of the book is to demystify the concept of Artificial Intelligence in global perspective. The book analysis the strategic approaches and related initiatives adopted by various nations. Near the end of the book, the author suggests that, AI will be more effective if ethical standard is aligned globally. The book is based on the open source materials and mostly relies on the documents from the official websites of the respective countries.

1992 Goddard Conference on Space Applications of Artificial Intelligence

The process of developing big information systems is less effective and more resource consuming than software developers expect. The most widely disseminated software engineering methods and tools applied through the life cycle of this process are characterised with a low level of process automation, insufficient component reusability and dissatisfactory final product flexibility. The efficiency of the software development process can be improved with the application of hi-tech IT instruments as: (1) non-formal business model specifications, (2) automated verification and modification of the non-formal specifications related to predefined standardised knowledge bases both for the domain and IT areas, (3) automated generation of the final software product from the verified business model, and (4) incorporation of components set for real time monitoring and tuning within the generated software. This book presents the authors' views on Knowledge Based Automated Software Engineering (KBASE). It involves the domain scope, the implemented research methods, tools and applications. The KBASE products presented in the book are addressed to the needs of scientists, practitioners and students working in the areas of software engineering, computer science, knowledge representation, artificial intelligence, manufacturing engineering, and education.

Artificial Intelligence for Audit, Forensic Accounting, and Valuation

Artificial Intelligence Applications to Traffic Engineering

Written by a leading international consultant in AI, this book delivers a balanced and comprehensive introduction to both the principles and practical applications of Artificial Intelligence. The discussion of AI theory and development is richly illustrated with AI solutions presented in three languages--CLOS, LISP, and PROLOG.

Sixth International Conference on Tools with Artificial Intelligence

*55% OFF for Bookstores! Discounted Retail Price NOW at $13.95 instead of $ 30.99* The complete guide on Artificial
Intelligence and Machine Learning and how they are revolutionizing Life, Health Care, Business and Marketing. Your customers Will Never Stop to Use this Awesome Guide! Artificial intelligence technology has become so common that many people do not realize that AI is already a part of their lives. Businesses use AI in many realms, including predictive analytics, product pricing, and marketing. In healthcare, artificial intelligence can be used in medical image analysis, language processing in dictation, and automated healthcare services. Because of machine learning capabilities in AI, any data that artificial intelligence is provided with can be used to learn and to make new, unexpected predictions and recommendations. In this book, the reader will understand not only how AI works, but will also learn how machine learning is revolutionizing the industry. Artificial intelligence technology has progressed so fast that many business leaders find themselves faced with the task of integrating all this new tech into how they do business. This can be a challenge for leaders and others whose core business function is not directly related to AI or computer science. AI can be simply applied to business marketing strategies, social media engagement, and a host of other business functions. These AI applications can be accomplished no matter what the skill level of the user is. Artificial Intelligence for Business: A Modern Business Approach will teach readers how they can benefit from the AI wave to keep themselves and their business endeavors up to date. Business data and AI are linked together so that the Business and the technology evolve together. Business leaders are faced left with the question of how to bring artificial intelligence into their business, and sometimes this is as simple as recording data measures electronically so that AI can access it and use it to make powerful recommendations. As the intelligence demonstrated by machines, AI will become more prominent and important as AI capabilities increase. From a practical standpoint, this means that businesses are faced with the reality of incorporating AI into their operations now or being left so far behind that they will be relegated to playing an endless game of catchup. In Artificial Intelligence for Business: A Modern Business Approach, readers will learn not only the business strategies they can use to keep up with artificial intelligence, but the many powerful applications that AI can have in business, from automation of business processes and machine learning, to predicting customer behavior and product pricing. You will learn: - How Machine Learning works - AI Models and Networks - AI applied to complicated Tasks - How apply AI to your Marketing - The secret of Big Tech companies - Insights into AI Systems - How to build AI strategies for your business - How to build Machine Learning Models - How to apply AI to Marketing and Social Media - 10 AI Trends for Businesses and more! Buy it NOW and let your customers get addicted to this amazing book!

Machine Learning: Concepts, Methodologies, Tools and Applications

Mainstream AI research directions are reflected in the majority of the papers presented in this volume. Automatic reasoning and knowledge representation problems, inferring, action planning and coordination, temporal reasoning, truth maintenance systems and machine learning are all represented. Other papers are concerned with logic and object-oriented programming, conceptual and implementation problems of AI programming, natural language processing, architectures and systems. The applications of AI are also considered, in the fields of software engineering, industry and the humanities, e.g. education, law.

Artificial Intelligence and Global Strategic Trends

Introduces the newcomer -- business manager, student or interested lay person -- to the field of AI and Expert Systems. Illustrations are provided in PROLOG -- an AI programming language of rapidly increasing interest and application for professional workers in AI, and for PC and home computer users. Requires no previous computer experience. Introduces key AI concepts with easily understood examples which, unlike many texts, do not presuppose a mathematical or scientific background on the part of the reader.

Artificial Intelligence Business Applications

The purpose of this book is to introduce and explain research at the boundary between two fields that view problem solving from different perspectives. Researchers in operations research and artificial intelligence have traditionally remained separate in their activities. Recently, there has been an explosion of work at the border of the two fields, as members of both communities seek to leverage their activities and resolve problems that remain intractable to pure operations research or artificial intelligence techniques. This book presents representative results from this current flurry of activity and provides insights into promising directions for continued exploration. This book should be of special interest to researchers in artificial intelligence and operations research because it exposes a number of applications and techniques, which have benefited from the integration of problem solving strategies. Even researchers working on different applications or with different techniques can benefit from the descriptions contained here, because they provide insight into effective methods for combining approaches from the two fields. Additionally, researchers in both communities will find a wealth of pointers to challenging new problems and potential opportunities that exist at the interface between operations research and artificial intelligence. In addition to the obvious interest the book should have for members of the operations research and artificial intelligence communities, the papers here are also relevant to members of other research communities and development activities that can benefit from improvements to fundamental problem solving approaches.

Artificial Intelligence for Sustainable Development: Theory, Practice and Future Applications

Do you want to modernize your business and to be ahead from competitors by applying Artificial Intelligence to it? Want to learn the strategies to do that? If so then keep reading. Artificial intelligence technology has progressed so fast that many business leaders find themselves faced with the task of integrating all this new tech into how they do business. This can be a challenge for leaders and others whose core business function is not directly related to artificial intelligence or computer science. This makes artificial intelligence an often-daunting subject for many people noticing the AI changes around them, but this does not have to be an overwhelming subject. Artificial intelligence can be simply applied to business marketing strategies, social media engagement, and a host of other business functions. These AI applications can be accomplished no matter what the skill level of the user is. Artificial Intelligence Business Applications: A New Approach to AI and Machine Learning in Modern Business and Marketing, for Beginners and Advanced will teach readers how they can benefit from the AI wave to keep themselves and their business endeavors up to date. The benefits of users to keeping on track of AI
changes is obvious. AI allows businesses to link their data to AI, which can allow the business and the technology to evolve together. Business leaders are faced left with the question of how to bring artificial intelligence into their business, and sometimes this is as simple as recording data measures electronically so that AI can access it and use it to make powerful recommendations. As the intelligence demonstrated by machines, AI will become more prominent and important as AI capabilities increase. From a practical standpoint, the leaders in businesses are faced with the reality of incorporating AI into their operations now or face being left so far behind that they will be relegated to playing an endless game of catchup. In Artificial Intelligence Business Applications: A New Approach to AI and Machine Learning in Modern Business and Marketing, for Beginners and Advanced, readers will learn not only the business strategies they can use to keep up with artificial intelligence, but the many powerful applications that AI can have in business, from automation of business processes and machine learning, to predicting customer behavior and product pricing. You will learn: - What Business Leaders Need To Know About AI - Insights into AI Systems - The most important thing in AI - How to build AI strategies for your business - How to build Machine Learning Models - How to apply AI to Marketing and Social Media - 10 AI Trends for Businesses Even if you are a complete beginner, your education in artificial intelligence, so that you can use it to accomplish all of your business goals, begins here.Scroll to the top of the page and click the Buy Now button.***Buy the Paperback Version of this Book and get the Kindle Book Version for FREE***

Artificial Intelligence for Business

This innovative book on artificial intelligence (AI) uses the unifying thread of Search to bring together the major application and modeling techniques that use symbolic AI. Comprehensive yet practical, this book will be of great value those experienced in AI, as well as to students with some programming background and academics and professionals lookit for a precise discussion of AI through Search.

Handbook of Research on Applied AI for International Business and Marketing Applications

Artificial Intelligence

Principles of Artificial Intelligence

"It documents the attempts of various researchers who share the desire to move ICAI programs into the “real world” of education and training. It contains a collection of articles that describe various aspects of developing ICAI programs.” -- Preface.

Methods and Applications of Artificial Intelligence

Applications of Artificial Intelligence in Engineering IX

In recent years the applications of advanced information technologies in the field of transportation have affected both road infrastructures and vehicle technologies. The development of advanced transport telematics systems and the implementation of a new generation of technological options in the transport environment have had a significant impact on improved traffic management, efficiency and safety. This volume contains contributions from scientific and academic centres which have been active in this field of research and provides an overview of applications of AI technology in the field of traffic control and management. The topics covered are: -- current status of AI in transport -- AI applications in traffic engineering -- in-vehicle AI

Artificial Intelligence

Artificial Intelligence, the Revolutionary Transformation that no one can escape DESCRIPTION The book ‘Artificial Intelligence for All’ is a snapshot of AI applications in different industries, society, and everyday life. The book is written considering possibilities AI can bring in the Indian context and considering Indian industries and economy at the center stage. The book starts with describing the race for the supremacy of different countries in the field of Artificial Intelligence that has already taken a great momentum and how AI has managed to influence even mainstream politics and the world leaders. In the subsequent chapters, the book brings in AI applications primarily in the Banking and Finance sectors like Financial Crime detection using AI, Credit Risk Assessment, AI-powered conversational banking, Predictive Analytics, and recommendations in Banking and Finance. In few of the chapters, it goes deep into Machine Learning, Deep Learning, Neuronal Network and analogy with the human brain for readers who wants to go deeper into the subject, at the same time the content and explanations remain very simple for non-technical readers. How AI is powering the self-driving autonomous vehicles and its implication in the society, job, and the world economy, and it's transforming the world of home automation, will be another area of interest in the book. A full chapter is dedicated for CIOs and CTOs to consider AI top in their priority list. Applications of AI in Sports are going to be interesting for sports lovers as well as professionals working in the Sports and Computer Games domain. The book also gives special emphasis on Conversational AI like Virtual Assistances and ChatBots and their utility in different sectors. A chapter dedicated for healthcare and medicine provides a complete overview of AI applications in the field and how it's transforming clinical imaging, personalized medicines, drug discovery, and predictions and forecasting health-related events and many more. Cognitive Cyber Security using AI and Machine Learning would be an area of interest for the readers in the field of Cyber Security. The chapter talks about various modern cognitive cybersecurity tools and techniques to fight with the ever-evolving cybercrime space. ‘Journey of a Digital Traveler’ describes how AI is transforming the travel and tourism industry. The book also includes top 100 business use cases which illustrate possible applications in various fields. KEY FEATURES Provides perfect ’playground’ for enterprises and institutions globally to develop Artificial Intelligence solutions The world has achieved an enormous amount of technological advancement and skyrocketing progress in mass Digitization, Data Science, and FinTech The gist

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of the golden era of AI and FinTech AI-powered autonomous vehicles are undoubtedly the future. Autonomous vehicles are
the dawn of a whole new lifestyle Using Artificial Intelligence to redefine their products, processes and strategies
Providing banking and financial services to the customers through a variety of digital channels A preliminary guide for
enterprises and businesses to revisit their AI strategy WHAT WILL YOU LEARN This book is for both technical and non-
technical readers, a cutting edge technology like Artificial Intelligence is simplified for all and a genuine effort has been
made to democratize it as much as possible. The book will provide insights into the real applications of AI in different
industries like health care and medicine, banking and finance, manufacturing, retail, sports, and many more, including how
it’s transforming our life which probably many of us are not even aware of. And most importantly how a country like India
can be benefited by embracing this groundbreaking technology and the huge opportunities and economic impact that AI
can bring. Also, you will get to know how different countries like USA, CHINA, UK, EUROPE, RUSSIA, including INDIA is
already in the race of being AI Superpower; because AI is the future and whoever becomes the leader in AI will become the
ruler of the world. WHO THIS BOOK IS FOR This book is useful for AI Professionals, Data Scientists The content of the book
is for both Technical and Non Technical readers who wants to know the applications of AI in different industries. No prior

Artificial Intelligence for All

How Machines Think

Nowadays, artificial intelligence has been more popular than ever. It’s hard to imagine that someone hasn’t heard about it
at least once. This book is a non-technical book that makes AI easy to understand. One hundred diverse real-world
implementations of AI are explained short-form and to the point, without any technical lingo. The book gives you
information of value within minutes. There are examples of how AI is being used by both colossal multinational
corporations and tiny new startups. There are stories from both technical and non-technical organizations; stories of
mundane day-to-day uses and stories of exciting innovations; stories that are terrifying and stories that are exhilarating.
There is no technology more crucial to understand today than AI. Yet while many are curious about it, they often feel lost.
Some may feel as though AI is difficult to comprehend and certainly challenging to apply. With This Is Real AI, Jacob
Bergdahl makes artificial intelligence accessible to anyone, regardless of their technical level. The author presents a non-
technical and easy-to-apply framework that explains how to create value with AI through either automation or
augmentation, using one of four AI strategies: efficiency, effectiveness, expert, and innovation. Naturally, key topics such
as machine learning, natural language processing, and deepfakes are covered in the book. This Is Real AI is not another
book about the future. It’s a book about the present.

Artificial Intelligence and the Future of Defense

This book highlights the latest advances in the field of artificial intelligence and related technologies, with a special focus
on sustainable development and environmentally friendly artificial intelligence applications. Discussing theory,
applications and research, it covers all aspects of artificial intelligence in the context of sustainable development.

Computers and Artificial Intelligence

Make AI technology the backbone of your organization to compete in the Fintech era The rise of artificial intelligence is
nothing short of a technological revolution. AI is poised to completely transform asset management and investment
banking, yet its current application within the financial sector is limited and fragmented. Existing AI implementations tend
to solve very narrow business issues, rather than serving as a powerful tech framework for next-generation finance.
Artificial Intelligence for Asset Management and Investment provides a strategic viewpoint on how AI can be
comprehensively integrated within investment finance, leading to evolved performance in compliance, management,
customer service, and beyond. No other book on the market takes such a wide-ranging approach to using AI in asset
management. With this guide, you’ll be able to build an asset management firm from the ground up—or revolutionize your
existing firm—using artificial intelligence as the cornerstone and foundation. This is a must, because AI is quickly growing
to be the single competitive factor for financial firms. With better AI comes better results. If you aren’t integrating AI in the
strategic DNA of your firm, you’re at risk of being left behind. See how artificial intelligence can form the cornerstone
of an integrated, strategic asset management framework Learn how to build AI into your organization to remain
competitive in the world of Fintech Go beyond siloed AI implementations to reap even greater benefits Understand and
overcome the governance and leadership challenges inherent in AI strategy Until now, it has been prohibitively difficult to
map the high-tech world of AI onto complex and ever-changing financial markets. Artificial Intelligence for Asset
Management and Investment makes this difficulty a thing of the past, providing you with a professional and accessible
framework for setting up and running artificial intelligence in your financial operations.

Applications Of Artificial Intelligence

A straightforward, non-technical guide to the next major marketing tool Artificial Intelligence for Marketing presents a
tightly-focused introduction to machine learning, written specifically for marketing professionals. This book will not teach you to be a data scientist—but it does explain how Artificial Intelligence and Machine Learning will revolutionize your company's marketing strategy, and teach you how to use it most effectively. Data and analytics have become table stakes in modern marketing, but the field is ever-evolving with data scientists continually developing new algorithms—where does that leave you? How can marketers use the latest data science developments to their advantage? This book walks you through the "need-to-know" aspects of Artificial Intelligence, including natural language processing, speech recognition, and the power of Machine Learning to show you how to make the most of this technology in a practical, tactical way. Simple illustrations clarify complex concepts, and case studies show how real-world companies are taking the next leap forward. Straightforward, pragmatic, and with no math required, this book will help you: Speak intelligently about Artificial Intelligence and its advantages in marketing Understand how marketers without a Data Science degree can make use of machine learning technology Collaborate with data scientists as a subject matter expert to help develop focused-use applications Help your company gain a competitive advantage by leveraging leading-edge technology in marketing Marketing and data science are two fast-moving, turbulent spheres that often intersect; that intersection is where marketing professionals pick up the tools and methods to move their company forward. Artificial Intelligence and Machine Learning provide a data-driven basis for more robust and intensely-targeted marketing strategies—and companies that effectively utilize these latest tools will reap the benefit in the marketplace. Artificial Intelligence for Marketing provides a nontechnical crash course to help you stay ahead of the curve.

**Artificial Intelligence Handbook: Applications**

Strategically integrate AI into your organization to compete in the tech era The rise of artificial intelligence is nothing short of a technological revolution. AI is poised to completely transform accounting and auditing professions, yet its current application within these areas is limited and fragmented. Existing AI implementations tend to solve very narrow business issues, rather than serving as a powerful tech framework for next-generation accounting. Artificial Intelligence for Audit, Forensic Accounting, and Valuation provides a strategic viewpoint on how AI can be comprehensively integrated within audit management, leading to better automated models, forensic accounting, and beyond. No other book on the market takes such a wide-ranging approach to using AI in audit and accounting. With this guide, you'll be able to build an innovative, automated accounting strategy, using artificial intelligence as the cornerstone and foundation. This is a must, because AI is quickly growing to be the single competitive factor for audit and accounting firms. With better AI comes better results. If you aren't integrating AI and automation in the strategic DNA of your business, you're at risk of being left behind. See how artificial intelligence can form the cornerstone of integrated, automated audit and accounting services. Learn how to build AI into your organization to remain competitive in the era of automation Go beyond siloed AI implementations to modernize and deliver results across the organization Understand and overcome the governance and leadership challenges inherent in AI strategy. Accounting and auditing firms need a comprehensive framework for intelligent, automation-centric modernization. Artificial Intelligence for Audit, Forensic Accounting, and Valuation delivers just that—a plan to evolve legacy firms by building firmwide AI capabilities.

**Machine Learning in Marketing**

A classic introduction to artificial intelligence intended to bridge the gap between theory and practice, Principles of Artificial Intelligence describes fundamental AI ideas that underlie applications such as natural language processing, automatic programming, robotics, machine vision, automatic theorem proving, and intelligent data retrieval. Rather than focusing on the subject matter of the applications, the book is organized around general computational concepts involving the kinds of data structures used, the types of operations performed on the data structures, and the properties of the control strategies used. Principles of Artificial Intelligence evolved from the author's courses and seminars at Stanford University and University of Massachusetts, Amherst, and is suitable for text use in a senior or graduate AI course, or for individual study.

**Robotics and Artificial Intelligence Applications Series**

- **Comprehensive, yet practical book**
- The authors include program code to illustrate concepts
- Suitable for students, academics, and professionals
This book uses the unifying thread of SEARCH as a way of bringing together the major techniques used in symbolic Artificial Intelligence. The authors include program code to illustrate concepts in both POP-11 and Prolog. Each chapter covers a technique and is then divided into three sections: 1) an introduction to the technique; 2) development of a low-level of (POP-11) implementation; and 3) development of a high-level (Prolog) implementation. This is a practical book which should be valuable to those experienced in artificial intelligence, students with some programming background, and academics and professionals looking for a concise discussion of artificial intelligence through SEARCH.

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