

The Blockchain E Commerce E Government Revolution

The social landscape is undergoing a global change with the emergence of e-payment and blockchain technology. This new technology changes the ways in which consumers and businesses interact with each other. This dynamic offers both opportunities and challenges to the socioeconomic landscape. It is important to understand the strategies, opportunities, and challenges contained in the e-payment and blockchain sector. The Handbook of Research on Social Impacts of E-Payment and Blockchain Technology is a comprehensive reference source that examines the strategies, opportunities, and challenges contained in the value creation of e-payment and blockchain technology, which lead to economic and social progression. Further delving into topics such as mobile financial services, technopreneurship, and cryptocurrencies, this dynamic resource is essential for students, academicians, entrepreneurs, corporate managers, business executives, researchers, blockchain professionals, technologists, systems engineers, policymakers, and government officials.

E-Commerce Revolution is the first comprehensive guide to help businesses prepare for Amazon's arrival and thrive in the e-commerce world. The book contains first hand advice from e-commerce and Amazon industry experts in Australia. It also covers emerging technologies that will be relevant for e-commerce in the future.

This proceedings book presents the latest research findings, and theoretical and practical perspectives on innovative methods and development techniques related to the emerging areas of Web computing, intelligent systems and Internet computing. The Web has become an important source of information, and techniques and methodologies that extract quality information are of paramount importance for many Web and Internet applications. Data mining and knowledge discovery play a key role in many of today's major Web applications, such as e-commerce and computer security. Moreover, Web services provide a new platform for enabling service-oriented systems. The emergence of large-scale distributed computing paradigms, such as cloud computing and mobile computing systems, has opened many opportunities for collaboration services, which are at the core of any information system. Artificial intelligence (AI) is an area of computer science that builds intelligent systems and algorithms that work and react like humans. AI techniques and computational intelligence are powerful tools for learning, adaptation, reasoning and planning, and they have the potential to become enabling technologies for future intelligent networks. Research in the field of intelligent systems, robotics, neuroscience, artificial intelligence and cognitive sciences is vital for the future development and innovation of Web and Internet applications.

The book focuses on the power of business blockchain. It gives an overview of blockchain in traditional business, marketing, accounting and business intelligence. The book provides a detailed working knowledge of blockchain, user cases of blockchain in business, cryptocurrency and Initial Coin Offering (ICO) along with the risks associated with them. The book also covers the detailed study of decentralization, mining, consensus, smart contracts, concepts and working of distributed ledgers and hyper ledgers as well as many other important concepts. It also details the security and privacy aspects of blockchain. The book is beneficial for readers who are preparing for their business careers, those who are working with small scale businesses and startups, and helpful for business executives, managers, entrepreneurs, bankers, government officials and legal professionals who are looking to blockchain for secure financial transactions. The book will also be beneficial for researchers and students who want to study the latest developments of blockchain.

Proceedings of ICCMDE 2021

Enabling the Internet of Value

The Emerald Handbook of Blockchain for Business

Blockchain Technologies, Applications And Cryptocurrencies: Current Practice And Future Trends

Blockchain for Business

2019 IEEE International Workshop on Blockchain Oriented Software Engineering (IWBOSE)

Handbook of Research on Blockchain Technology presents the latest information on the adaptation and implementation of Blockchain technologies in real world business, scientific, healthcare and biomedical applications. The book's editors present the rapid advancements in existing business models by applying Blockchain techniques. Novel architectural solutions in the deployment of Blockchain comprise the core aspects of this book. Several use cases with IoT, biomedical engineering, and smart cities are also incorporated. As Blockchain is a relatively new technology that exploits decentralized networks and is used in many sectors for reliable, cost-effective and rapid business transactions, this book is a welcomed addition on existing knowledge. Financial services, retail, insurance, logistics, supply chain, public sectors and biomedical industries are now investing in Blockchain research and technologies for their business growth. Blockchain prevents double spending in financial transactions

without the need of a trusted authority or central server. It is a decentralized ledger platform that facilitates verifiable transactions between parties in a secure and smart way. Presents the evolution of blockchain, from fundamental theories, to present forms Explains the concepts of blockchain related to cloud/edge computing, smart healthcare, smart cities and Internet of Things (IoT) Provides complete coverage of the various tools, platforms and techniques used in blockchain Explores smart contract tools and consensus algorithms Covers a variety of applications with real world case studies in areas such as biomedical engineering, supply chain management, and tracking of goods and delivery

The continued advancement of globalization, increases in internet connectivity, compatibility of international payment systems, and adaptability of logistics and shipping processes have combined to contribute to the rapid growth of the cross-border e-commerce market. Due to these advancements and the ubiquitous presence of smartphones, consumer use of cross-border e-commerce is increasingly simplified, and thus, sellers are hardly restricted to a specific country in terms of promoting, selling, and shipping goods worldwide. The burgeoning opportunities, habits, and trends of shopping on cross-border e-commerce platforms have expedited the prospect of becoming a presence in the global market. This is true for enterprises of all sizes, especially for small and medium-sized enterprises (SMEs) that want to add their footprint in the international market for the first time. Like any other industry, cross-border e-commerce has its specific economics and driving forces, but has different scopes, challenges, and trends due to the geographic and cultural expanse of relevant environments. **Cross-Border E-Commerce Marketing and Management** was conceptualized by identifying the scope of new complementary information with a comprehensive understanding of the issues and potential of cross-border e-commerce businesses. The authors believe that this book will not only fill the void in the current research but will also provide far-sighted vision and strategies, as it covers big data, artificial intelligence, IoT, supply chain management, and more. This book provides the necessary knowledge to managers to compete with the competitive market structure and ultimately contribute to the sustainable economic growth of a country. It works as a guideline for existing cross-border e-commerce managers to formulate individual strategies that combine to optimize the industry while keeping the enterprise competitive. This book is useful in both developed and developing country contexts. This publication is an ideal resource for academicians, policy makers, stakeholders, and cross-border e-commerce managers, especially from SMEs.

The purpose of this edited book is to provide the relevant technologies and case studies in a concise format that will simplify and streamline the processing of blockchain. The goal is for the contents of this book to change the way business transformations are conducting in economic and social systems. The book examines blockchain technology, the transaction attributes, and its footprint in various fields. It offers fundamentals and terminologies used in blockchain, architecture, and various consensus mechanisms that can be deployed in areas such as healthcare, smart cities, and supply chain management. The book provides a widespread knowledge into the deployment of security countermeasures that can be implemented for a blockchain network and enables the reader to consider the management of business processes and the implementation process in detail. The book highlights the challenges and provides various e-business case studies of security countermeasures. The book serves researchers and businesses by providing a thorough understanding of the transformation process using blockchain technology. In the past two decades, research on electronic commerce and platforms has thrived. Tremendous academic research has been conducted on this specific concept. Over the last decade, with the rise of applications and mobile technology, that stream of research has extended to the collaborative economy, more colloquially known as the sharing economy. The commonality between e-commerce and collaborative consumption being that they both occur online and rely predominantly on platforms. **The Handbook of Research on the Platform Economy and the Evolution of E-Commerce** is a comprehensive reference book offering a holistic perspective of the platform economy by connecting the e-commerce and collaborative economy streams into a common framework. As such, this integrated perspective offers a clearer understanding of the key trends in research and in managerial action, as well as an agenda for future studies and practice. This handbook emphasizes how the digital transition will create an increased merging between physical and digital activities, as well as the challenges and opportunities pertaining to this trend. Covering topics including sharing economy, Marketing 4.0, and digital applications, this book is essential for marketers, managers, executives, students, researchers, and academicians.

Convergence of Blockchain Technology and E-Business

Research Anthology on E-Commerce Adoption, Models, and Applications for Modern Business

The Business Blockchain

Applications of Blockchain Technology in Business

Blockchain Revolution

Empirical Research for Futuristic E-Commerce Systems: Foundations and Applications

Blockchain technology facilitates a decentralized database where business is rendered transparent without the involvement of middlemen. The first use of this technology was its application in digital currency (bitcoin). However, other potential uses of blockchain are yet to be explored. It is expected to have a major impact on cyber security, the internet of things, supply chain management, market prediction, governance, information management, and financial transactions, among others. Blockchain has redesigned the way in which people deal with their money due to its effectiveness, especially in terms of security. Therefore, from the data analytics point of view, investigation of the application of blockchain technology in a wide range of domains is crucial. In this context, this book provides a broad picture of the concepts, techniques, applications, and open research directions in this area, and will serve as a single source of reference for acquiring knowledge on this emerging technology.

Blockchain Technology and Applications for Digital Marketing IGI Global

Besides love, money and health are the most valuable human yearnings. Therefore, blockchain technology is paramount: a new foundation of confidence for human valuable transactions. Like information sharing was catalyzed on the pre-blockchain internet, transactions are now triggered on the new internet of value. In this second digital inflection point, economic media encompasses value beside information, and individuals can privately transact digital assets for the first time in history. Decentralized but structured organizations running on blockchain networks reduce transaction costs and are particularly competitive insofar as they guarantee data authenticity, confidentiality, and integrity, providing functional autonomy with disintermediation and smart contracts. Everything changed after user data were made public on the internet and privately traded by big tech companies, and nothing will be the same once that data is made private on the internet and publicly transacted by their rightful owners. While the internet of information reshaped the world, the internet of value will reform it, and everything will depend politically on this being done freely. **Political and Economic Implications of Blockchain Technology in Business and Healthcare** provides relevant theoretical frameworks on the civilizational impact of blockchain technology, which redesigns human interactions concerning value transactions. It gives ideas, concepts, and instruments to advance the knowledge on cryptoeconomics and decentralized

governance in the new distributed trust paradigm. The chapters explore the ethical repercussions and profound political-economic consequences to society, providing insights into business applications focusing on the healthcare sector. In a blockchain era affected by the post-COVID-19 new normal, which mixes politics, economics, and health, this book is essential for students and researchers in social and life sciences; professionals and policymakers working in the fields of public and business administration; and healthcare workers and researchers, academicians, and students interested in blockchain technology and its political and economic impacts in the industry and society.

Can blockchain solve your biggest business problem? While news outlets are transfixed with Bitcoin's latest swings, your most forward-looking competitors are tuning out the noise and quietly making key bets on blockchain. They're effortlessly tracking every last link in their supply chains. They're making bureaucratic paper trails obsolete while keeping their customers' data safer. And they're imagining new ways to use this next foundational technology to sustain their competitive advantage. What should you be doing right now to ensure that your business is poised for success? These articles by blockchain experts and consultants will help you understand today's most essential thinking on what blockchain is capable of now, how to adopt it in your organization, and how the technology is likely to be used in the near future and beyond. *Blockchain: The Insights You Need* from Harvard Business Review will help you spearhead important conversations, get going on the right blockchain initiatives in your company, and capitalize on the opportunity of the coming blockchain wave. Catch up on current topics and deepen your understanding of them with the *Insights You Need* series from Harvard Business Review. Featuring some of HBR's best and most recent thinking, *Insights You Need* titles are both a primer on today's most pressing issues and an extension of the conversation, with interesting research, interviews, case studies, and practical ideas to help you explore how a particular issue will impact your company and what it will mean for you and your business.

E-Commerce in India

Political and Economic Implications of Blockchain Technology in Business and Healthcare

Web, Artificial Intelligence and Network Applications

Foundations and Applications

Developing the E-Commerce Model a Consumer to Consumer Using Blockchain Network Technique

Cross-Border E-Commerce Marketing and Management

Asia is the world's largest e-commerce marketplace and continues to grow rapidly. Some countries lead. Others need to catch up. An efficient e-commerce marketplace requires information and communication technology infrastructure—including internet access, speed, and affordability—along with logistics, an effective legal and institutional framework, and social acceptance and awareness. This report reviews the opportunities and challenges in developing business-to-consumer e-commerce in the region. It also examines how Fourth Industrial Revolution technologies—blockchains, the internet of things, machine learning, artificial intelligence, and 5G wireless networks, among others—will transform the industry and unlock its dynamic potential. It also offers policy recommendations to help lower barriers to e-commerce development.

The book discusses the various ways that blockchain technology is changing the future of money, transactions, government, and business. The first two chapters walk through the foundation of blockchain. Chapters 3–12 look at applications of blockchain in different industries and highlight its exciting new business applications. It shows why so many companies are implementing blockchain, and presents examples of companies who have successfully employed the technology to improve efficiencies and reduce costs. Chapter 13 highlights blockchain's powerful potential to foster emerging markets and economies including smart cities, value-based healthcare, decentralized sharing economy, machine to machine transactions, data-sharing marketplace, etc. Chapter 14 offers a conceptual model, provides information and insights, and covers a step-by-step approach to plan and develop blockchain-based technology.

This book serves as a reference for scholars, researchers and practitioners to update their knowledge on methodologies, theoretical analyses, modeling, simulation and empirical studies on blockchain technologies and cryptocurrencies. Chapters on the evolving theory and practice related to distributed ledger technologies and peer-to-peer digital currencies are intended to provide comprehensive coverage and understanding of their uses within the technological, business, and organizational domains. The contributions from this volume also provide a thorough examination of blockchains and cryptocurrencies with respect to issues of management, governance, trust and privacy, and interoperability. Contributed by a diverse range of authors from both academia and professional fields, this reference book presents frontier research in the fields of blockchains and cryptocurrencies.

Blockchain has been making a lot of headlines in the last couple of years. There is, however, a lot of confusion around the use of the technology. Sometimes it feels like it is a solution looking for a problem. Most of the people only think that it is bitcoin. Some organisations want to use the technology but is not sure where to start. This book will provide the knowledge of the technology, how and where it fits, how are the industries using it and how to start on the journey.

Research Anthology on Blockchain Technology in Business, Healthcare, Education, and Government

Concepts, Applications, and Case Studies

Handbook of Research on Blockchain Technology

E-commerce in the Age of Blockchain and Digital Advertising

How it Works and Creates Value

Economic and Legal Perspectives

Blockchain technology is defined as a decentralized system of distributed registers that are used to record data transactions on multiple computers. The reason this technology has gained popularity is that you can put any digital asset or transaction in the blocking chain, the industry does not matter. Blockchain technology has infiltrated all areas of our lives, from manufacturing to healthcare and beyond. Cybersecurity is an industry that has been significantly affected by this technology and may be more so in the future. Blockchain for Cybersecurity and Privacy: Architectures, Challenges, and Applications is an invaluable resource to discover the blockchain applications for

cybersecurity and privacy. The purpose of this book is to improve the awareness of readers about blockchain technology applications for cybersecurity and privacy. This book focuses on the fundamentals, architectures, and challenges of adopting blockchain for cybersecurity. Readers will discover different applications of blockchain for cybersecurity in IoT and healthcare. The book also includes some case studies of the blockchain for e-commerce online payment, retention payment system, and digital forensics. The book offers comprehensive coverage of the most essential topics, including: Blockchain architectures and challenges Blockchain threats and vulnerabilities Blockchain security and potential future use cases Blockchain for securing Internet of Things Blockchain for cybersecurity in healthcare Blockchain in facilitating payment system security and privacy This book comprises a number of state-of-the-art contributions from both scientists and practitioners working in the fields of blockchain technology and cybersecurity. It aspires to provide a relevant reference for students, researchers, engineers, and professionals working in this particular area or those interested in grasping its diverse facets and exploring the latest advances on the blockchain for cybersecurity and privacy.

This book investigates how the Blockchain Technology (BCT) for Supply Chain Finance (SCF) programs allows businesses to come together in partnerships and accelerate cash flows throughout the supply chain. BCT promises to change the way individuals and corporations exchange value and information over the Internet, and is perfectly positioned to enable new levels of collaboration among the supply chain actors. The book reveals new opportunities stemming from the application of BCT to SCF financing solutions, particularly reverse factoring – or approved payables financing. To do so, it first identifies the principal barriers and pain points in delivering financing solutions. Then, a possible blockchain-driven supply chain model is defined. Using this framework, the book subsequently discusses relevant use cases for the technology, which could open up new opportunities in the SCF space. It demonstrates that blockchain and distributed ledgers technologies could deliver substantial benefits for all parties involved in SCF transactions, promising to expedite the processes and lower the overall costs of financing programs. Industry giants such as IBM, Maersk, China-based Dianrong and FnConn (a Foxconn subsidiary) are currently working to digitize the global, cross-border supply chain using blockchain technology, and will likely soon create blockchain platforms for supply chain finance. These solutions aim to reduce complexity and make data sharing more secure, accurate and efficient. This book offers a highly topical resource for stakeholders across the entire supply chain, helping them prepare for the upcoming technological revolution.

In the next few years, it is expected that most businesses will have transitioned to the use of electronic commerce technologies, namely e-commerce. This acceleration in the acceptance of e-commerce not only changes the face of business and retail, but also has introduced new, adaptive business models. The experience of consumers in online shopping and the popularity of the digital marketplace have changed the way businesses must meet the needs of consumers. To stay relevant, businesses must develop new techniques and strategies to remain competitive in a changing commercial atmosphere. The way in which e-commerce is being implemented, the business models that have been developed, and the applications including the benefits and challenges to e-commerce must be discussed to understand modern business. The Research Anthology on E-Commerce Adoption, Models, and Applications for Modern Business discusses the best practices, latest strategies, and newest methods for implementing and using e-commerce in modern businesses. This includes not only a view of how business models have changed and what business models have emerged, but also provides a focus on how consumers have changed in terms of their needs, their online behavior, and their use of e-commerce services. Topics including e-business, e-services, mobile commerce, usability models, website development, brand management and marketing, and online shopping will be explored in detail. This book is ideally intended for business managers, e-commerce managers, marketers, advertisers, brand managers, executives, IT consultants, practitioners, researchers, academicians, and students interested in how e-commerce is impacting modern business models.

The definitive pioneering blueprint covering the what, why and how of the blockchain. Blockchains are new technology layers that rewire the Internet and threaten to side-step older legacy constructs and centrally served businesses. At its core, a blockchain injects trust into the network, cutting off some intermediaries from serving that function and creatively disrupting how they operate. Metaphorically, blockchains are the ultimate non-stop computers. Once launched, they never go down, and offer an incredible amount of resiliency, making them dependable and attractive for running a new generation of decentralized services and software applications. The Business Blockchain charts new territory in advancing our understanding of the blockchain by unpacking its elements like no other before. William Mougayar anticipates a future that consists of thousands, if not millions of blockchains that will enable not only frictionless value exchange, but also a new flow of value, redefining roles, relationships, power and governance. In this book, Mougayar makes two other strategic assertions. First, the blockchain has polymorphic characteristics; its application will result in a multiplicity of effects. Second, we shouldn't ask ourselves what problems the blockchain solves, because that gives us a narrow view on its potential. Rather, we should imagine new opportunities, and tackle even more ambitious problems that cross organizational, regulatory and mental boundaries. Drawing on 34 years of technology industry experience as an executive, analyst, consultant, entrepreneur, startup mentor, author, blogger, educator, thought leader and investor, William Mougayar describes a future that is influenced by fundamental shifts brought by blockchain technology as the catalyst for change. William Mougayar has been described as the most sophisticated blockchain business thinker. He is a blockchain industry insider whose work has already shaped and influenced the understanding of blockchain for people around the world, via his generous blogging and rigorous research insights. He is a direct participant in the crypto-technology market, working alongside startups, entrepreneurs, pioneers, leaders, innovators, creators, enterprise executives and

practitioners; in addition to being an investor, advisor, and board member in some of the leading organizations in this space, such as the Ethereum Foundation, OpenBazaar and Coin Center. Just as the Internet created new possibilities that we didn't foresee in its early years, the blockchain will give rise to new business models and ideas that may still be invisible. Following an engaging Foreword by Vitalik Buterin, this book is organized along these 7 chapters: 1. What is the Blockchain? 2. How Blockchain Trust Infiltrates 3. Obstacles, Challenges & Mental Blocks 4. Blockchain in Financial Services 5. Lighthouse Industries & New Intermediaries 6. Implementing Blockchain Technology 7. Decentralization as the Way Forward The Business Blockchain is an invitation for technologists to better understand the business potential of the blockchain, and for business minded people to grasp the many facets of blockchain technology. This book teaches you how to think about the blockchain.

Social Computing and Social Media. Communication and Social Communities

Handbook of Research on Innovation and Development of E-Commerce and E-Business in ASEAN

Can Blockchain Revolutionize International Trade?

Introduction to E-commerce

The Real Business of Blockchain

11th International Conference, SCSM 2019, Held as Part of the 21st HCI International Conference, HCII 2019, Orlando, FL, USA, July 26-31, 2019, Proceedings, Part II

Blockchain technology is powering our future. As the technology behind cryptocurrencies like bitcoin and Facebook's Libra, open software platforms like Ethereum, and disruptive companies like Ripple, it's too important to ignore. In this revelatory book, Don Tapscott, the bestselling author of Wikinomics, and his son, blockchain expert Alex Tapscott, bring us a brilliantly researched, highly readable, and essential book about the technology driving the future of the economy. Blockchain is the ingeniously simple, revolutionary protocol that allows transactions to be simultaneously anonymous and secure by maintaining a tamperproof public ledger of value. Though it's best known as the technology that drives bitcoin and other digital currencies, it also has the potential to go far beyond currency, to record virtually everything of value to humankind, from birth and death certificates to insurance claims, land titles, and even votes. Blockchain is also essential to understand if you're an artist who wants to make a living off your art, a consumer who wants to know where that hamburger meat really came from, an immigrant who's tired of paying big fees to send money home to your loved ones, or an entrepreneur looking for a new platform to build a business. And those examples are barely the tip of the iceberg. As with major paradigm shifts that preceded it, blockchain technology will create winners and losers. This book shines a light on where it can lead us in the next decade and beyond.

This two-volume set LNCS 11578 and 11579 constitutes the refereed proceedings of the 11th International Conference on Social Computing and Social Media, SCSM 2019, held in July 2019 as part of HCI International 2019 in Orlando, FL, USA. HCII 2019 received a total of 5029 submissions, of which 1275 papers and 209 posters were accepted for publication after a careful reviewing process. The 81 papers presented in these two volumes are organized in topical sections named: Social Media Design and Development, Human Behaviour in Social Media, Social Network Analysis, Community Engagement and Social Participation, Computer Mediated Communication, Healthcare Communities, Social Media in Education, Digital Marketing and Consumer Experience.

E-commerce is growing at an exponential rate in India. Despite this, it is still at an evolving stage as economic and regulatory frameworks pertaining to various segments of e-commerce are being put into place by the government. This book presents a comprehensive analysis of the economic and regulatory aspects of the e-commerce sector by assessing the trends and characteristics, and addressing the issues and challenges associated with it. It dwells into key issues including FDI regulations, taxation, valuation of e-commerce companies, market structure, competition, payment mechanism, blockchain and cryptocurrencies, and logistics. The issues and challenges addressed in this book frequently appear as discussion points in policy debates, research forums and popular media. However, information on these is scant and often scattered. This book bridges gaps in the available literature on e-commerce

An exploration of the current state of global trade law in the era of Big Data and AI. This title is also available as Open Access on Cambridge Core.

Blockchain for Cybersecurity and Privacy

E-commerce operations and supply chain management

How Leaders Can Create Value in a New Digital Age

Computational Methods and Data Engineering

Intelligent Processing Practices and Tools for E-Commerce Data, Information, and Knowledge

"This book provides relevant theoretical frameworks on the political and economic impact of blockchain technology, which is thought to be able to redesign human interactions concerning transactions"--

Blockchain is a digital, decentralized technology that is continually growing and making quite a mark in digital marketing. Blockchain has brought a drastic change to technology in the last few years, and it is referred to as distributed ledger technology (DLT), which makes the historical backdrop of any computerized resource unalterable and straightforward using decentralization and cryptographic hashing. Blockchain is transforming digital marketing by removing companies' abilities to pull data from customers without also offering to reimburse them for its value. Marketers can leverage the

technology's positive attributes that customers are searching for in today's digital landscape, both in transparency and data protection. In terms of digital marketing, blockchain is one of the most important topics for its applications in the marketing field. Blockchain Technology and Applications for Digital Marketing provides insights on blockchain technology and its applications in digital marketing. This book grants a comprehensive understanding of how this technology is functioning within modern marketing and how it can influence the future of the digital marketing industry. The chapters cover the applications of blockchain, benefits and challenges, disruptive innovations in digital marketing, privacy and security concerns, and the recent trends of blockchain in digital marketing. It is ideally intended for marketers, advertisers, brand managers, executives, managers, IT specialists and consultants, researchers, businesses, practitioners, stakeholders, academicians, and students interested in blockchain technology and its role in digital marketing.

This handbook equips academics, practitioners, and students with an understanding of the cutting-edge developments and applications of emerging blockchain technology. Covering the basic concepts while showcasing practical applications in intricate real-world situations, readers benefit from a useful balance of detailed and user-friendly coverage.

This book discusses recent research and applications about intelligent processing practices and tools for e-commerce data, information and knowledge. The authors first explain how advances in intelligent processing of data, information and knowledge that has wildly been used in e-commerce applications. They then show how this brings new opportunities and challenges for processing e-commerce data, information and knowledge. The book, made up of contributions from both academia and industry, aims to present advances in artificial intelligence to collect, process, and mining Data, information and knowledge, such as new algorithms and techniques in the field, foundational theory and systems, as well as practical e-commerce applications. Some of the topics discussed include AI for e-commerce, such as machine learning, deep learning; personalized service recommendation to e-commerce; modeling, description, and verification for data, information and knowledge; and task scheduling and performance optimization for large-scale concurrency.

How the Technology Behind Bitcoin Is Changing Money, Business, and the World

Big Data and Global Trade Law

The Insights You Need from Harvard Business Review

Blockchain in Data Analytics

Architectures, Challenges, and Applications

Handbook of Research on the Platform Economy and the Evolution of E-Commerce

Even though blockchain technology was originally created as a ledger system for bitcoin to operate on, using it for areas other than cryptocurrency has become increasingly popular as of late. The transparency and security provided by blockchain technology is challenging innovation in a variety of businesses and is being applied in fields that include accounting and finance, supply chain management, and education. With the ability to perform such tasks as tracking fraud and securing the distribution of medical records, this technology is key to the advancement of many industries. The Research Anthology on Blockchain Technology in Business, Healthcare, Education, and Government is a vital reference source that examines the latest scholarly material on trends, techniques, and uses of blockchain technology applications in a variety of industries, and how this technology can further transparency and security. Highlighting a range of topics such as cryptography, smart contracts, and decentralized blockchain, this multi-volume book is ideally designed for academics, researchers, industry leaders, managers, healthcare professionals, IT consultants, engineers, programmers, practitioners, government officials, policymakers, and students.

The book features original papers from International Conference on Computational Methods and Data Engineering (ICCMDE 2021), organized by School of Computer Science and Engineering, Vellore Institute of Technology, Vellore, Tamil Nadu, India, during November 25-26, 2021. The book covers innovative and cutting-edge work of researchers, developers, and practitioners from academia and industry working in the area of advanced computing.

Business-to-consumer (B2C) and consumer-to-consumer (C2C) e-commerce transactions, including social commerce, are rapidly expanding, although e-commerce is still small when compared to traditional business transactions. As the familiarity of making purchases using smart devices continues to expand, many global and regional investors hope to target the ASEAN region to tap into the rising digital market in this region. The Handbook of Research on Innovation and Development of E-Commerce and E-Business in ASEAN is an essential reference source that discusses economics, marketing strategies, and mobile payment systems, as well as digital marketplaces, communication technologies, and social technologies utilized for business purposes. Featuring research on topics such as business culture, mobile technology, and consumer satisfaction, this book is ideally designed for policymakers, financial managers, business professionals, academicians, students, and researchers.

Recently, there has been an increase in the number of e-commerce users. This has caused online shopping to become a new and challenging market for e-commerce vendors. Security, inventory management, reliability, and performance of e-commerce websites are a few of the challenges associated with the rising popularity of e-commerce. On a daily basis, millions of e-commerce transactions are taking place. This generates a huge amount of data that can be used to solve the various challenges of e-commerce. Further study on how this data can be used to address these issues is required to propel businesses forward. Empirical Research for Futuristic E-Commerce Systems:

Foundations and Applications shares experiences and research outcomes on all aspects of intelligent software solutions such as machine learning, nature-inspired computing, and data science for business-to-consumer (B2C) e-commerce. By looking at the exponential growth of the e-commerce market and its popularity, this book also focuses on the current issues, solutions, and future possibilities in the B2C model of e-commerce. Covering a range of critical topics such as online shopping, supply chain management, and blockchain, this reference work is ideal for academic scientists, data scientists, software developers, business experts, researchers, scholars, practitioners, academicians, instructors, and students.

E-Commerce Revolution

Blockchain Technology and Applications for Digital Marketing

How Blockchain Connects Global Businesses

Promise, Practice, and Application of the Next Internet Technology

Challenges and Opportunities

Handbook of Research on Social Impacts of E-Payment and Blockchain Technology

Introduction to E-commerce discusses the foundations and key aspects of E-commerce while focusing on the latest the E-commerce industry. Practical case studies offer a useful reference for dealing with various issues in E-commerce

applications, management techniques, or psychological methods. Dr. Zheng Qin is currently Director of the E-Commerce Research Center at Xi'an Jiaotong University.

Blockchain is transforming business. What's your strategy? Leaders of forward-thinking organizations are exploring how blockchain can transform the way they create and seek value. Whether it's used to streamline multiparty processes, create and manage digital assets, or leverage artificial intelligence and the internet of things, blockchain enables entirely new business opportunities. To get started. As blockchain becomes more widely adopted, it has the potential to radically change the way companies and societies operate, as transformative a paradigm shift as the launch of the internet. The Real Business of Blockchain is one of the first books to explore this transformative technology written for business leaders. Authors David Furlonger and Christophe Uzureau--both of Gartner, a world-renowned research and advisory company--will help you: Assess how blockchain will impact your business Explore the business proposition that blockchain offers Make smart near- and midterm investments Position your organization in a new competitive landscape Timely, visionary, and accessible, The Real Business of Blockchain cuts through the hype and helps you unlock the capabilities of this powerful and potentially world-changing technology.

The Pragmatic Guide to Driving Value and Disrupting Markets with Blockchain "Blockchain's potential to transform business has generated a tremendous amount of excitement across industries. However, it can be difficult for decision makers to find a practical approach to blockchain for their specific business requirements. By identifying and clearly describing the value of blockchain for enterprises, as well as the processes required to harness blockchain to achieve business objectives, Blockchain for Business presents a startlingly concise yet comprehensive roadmap for business leaders. This book is an excellent resource for anyone looking to leverage blockchain to transform their business." — Dr. Won-Pyo Hong, President & CEO of Samsung
Blockchain has been written about in the past few years: what it is and what it is not (at various levels of detail), as well as the technology's long-term strategic value for companies, industries, and economies. However, what we've been missing is a practical, operational, 'how to' set of steps for creating, implementing, and operating a blockchain-based solution. This book fills that gap. It's an invaluable tool for anyone ready to take the plunge and start taking advantage of this remarkable technology.
Wladawsky-Berger, research affiliate, MIT; columnist, WSJ CIO Journal; VP Emeritus, IBM "I will never be able to adequately express how useful this book will be to my class. In addition the great chapters on cybersecurity, I loved the Integration of Blockchain, especially 'Coexistence with Systems of Record.' Legacy integration with Blockchain is a critical barrier, and you nailed it." —Thomas Doty, JD, LL.M. - Adjunct Professor, University of New Hampshire Law
Blockchain enables enterprises to reimagine their processes and business models and to pursue radically disruptive applications. Blockchain for Business is a concise, authoritative, and pragmatic guide to both the technology and the opportunities it creates. Authored by three experts from IBM's Enterprise Blockchain practice, it introduces industry-specific and cross-industry use cases, and reviews best-practice approaches to planning and delivering blockchain projects. With a relentless focus on real-world business outcomes, the authors reveal what blockchain can do now, what it can't do yet, and where it's headed. Understand five elements that make blockchain so disruptive: transparency, immutability, security, consensus, and smart contracts Explore key use cases: cross-border payments, food and drug supply chain provenance, trade finance, clinical trials, land registries, and more See how trusted blockchain networks are facilitating new business models Compare blockchain types: permissioned, permissionless, private, public, federated, and hybrid Anticipate and address technical, business, regulatory, and governance challenges Build blockchain financial models, investment rubrics, and risk frameworks Organize and manage teams to transform blockchain plans into reality Whether you're a senior decision maker, a technical professional, customer, or investor, Blockchain for Business will help you cut through the hype and objectively evaluate blockchain's potential in your business. Register your product for convenient access to downloads, updates, and/or other content as they become available.

Trade has always been shaped by technological innovation. In recent times, a new technology, Blockchain, has been gaining momentum as the next big game-changer. Can Blockchain revolutionize international trade? This publication seeks to demystify this phenomenon by providing a basic explanation of the technology. It analyses the relevance of this technology for international trade by reviewing how it is currently used or can be used in the various areas covered by WTO rules. In doing so, it provides insight into the extent to which this technology could affect cross-border trade in goods and services, and intellectual property. It discusses the potential of Blockchain for reducing trade costs and enhancing supply chain transparency as well as the benefits it provides for small-scale producers and companies. Finally, it reviews various challenges that must be addressed before Blockchain technology can be used on a wide scale and have a significant impact on international trade.

A CxO Handbook to Blockchain

Embracing the E-commerce Revolution in Asia and the Pacific

Blockchain

The Case of Reverse Securitisation

Supply Chain Finance and Blockchain Technology

Proceedings of the Workshops of the 34th International Conference on Advanced Information Networking and Applications (WAINA-2020)

Motivations for this workshop are the ever increasing interest both in the research community and in the industry on Blockchain and smart contracts principles and applications, being the management of cryptocurrencies the most popular topic

This book shows how blockchain technology can transform the Internet, connecting global businesses in disruptive ways. It offers a comprehensive and multi-faceted examination of the potential of distributed ledger technology (DLT) from a new perspective: as an enabler of the Internet of Value (IoV). The authors discuss applications of blockchain technology to the financial services domain, e.g. in real estate, insurance and the emerging Decentralised Finance (DeFi) movement. They also cover applications to the media and e-commerce domains. DLT's impacts on the circular economy,

marketplace, Internet of Things (IoT) and oracle business models are also investigated. In closing, the book provides outlooks on the evolution of DLT, as well as the systemic governance and privacy risks of the IoV. The book is intended for a broad readership, including students, researchers and industry practitioners.