Blockchain For Dummies Ibm Limited Edition

Choose the right combination of public, private, and datacenter resources to empower your business Hybrid clouds are transforming the way that organizations dobusiness. This handy guide helps you find out what this new clouddeployment model is all about. You'll get down- to-earthinformation about cloud technology, questions to consider, and howto plan and deliver your move to a hybrid environment. Constructing the cloud — learn the basic concepts of thehybrid cloud from both a technical and business perspective Delivering cloud services — dive deeper into the actualfoundational elements of the hybrid cloud Identifying business value — determine your hybrid cloudneeds based on your business objectives Unified hybrid environments — find out what it means tocreate a computing environment that brings elements of the datacenter together with public and private cloud services Making it work — examine the steps you need to take tomake this new architectural approach work — includingsecurity, governance, data, integration, monitoring, and more Get your ticket to the cloud — tips on how to talk tocloud providers and plan for the service you choose Open the book and find: Different cloud deployment models and what differentiates ahybrid cloud from other cloud models The impact of the hybrid cloud on cloud delivery models Why service orientation matters in a hybrid cloud Ways to develop and deploy applications in a hybrid world Guidance in finding the

right hybrid cloud service providers Security and
governance in a hybrid model The role of workload
optimization in hybrid environments Learn to: Recognize
the benefits and challenges of a hybrid cloud Efficiently
deliver and manage cloud services Understand the
impact of emerging cloud standards Protect customer
data with sound security practices
The ultimate guide to the world of cryptocurrencies!
While the cryptocurrency market is known for its
volatility—and this volatility is often linked to the ever-
changing regulatory environment of the industry—the
entire cryptocurrency market is expected to reach a total
value of $1 trillion this year. If you want to get in on the
action, this book shows you how. Cryptocurrency
Investing For Dummies offers trusted guidance on how
to make money trading and investing in the top 200
digital currencies, no matter what the market sentiment.
You'll find out how to navigate the new digital finance
landscape and choose the right cryptocurrency for
different situations with the help of real-world examples
that show you how to maximize your cryptocurrency
wallet. Understand how the cryptocurrency market works
Find best practices for choosing the right cryptocurrency
Explore new financial opportunities Choose the right
platforms to make the best investments This book
explores the hot topics and market moving events
affecting cryptocurrency prices and shows you how to
develop the smartest investment strategies based on
your unique risk tolerance.
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 knowedge 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.
"Learn to understand the ins and outs of the Bitcoin
market, set up your Bitcoin wallet and get started, [and]
protect yourself against fraud and theft"--Cover.
As we witness a series of social, political, cultural, and
economic changes/disruptions this book examines the
Fourth Industrial Revolution and the way emerging
technologies are impacting our lives and changing
society. The Fourth Industrial Revolution is characterised
by the emergence of new technologies that are blurring
the boundaries between the physical, the digital, and the
biological worlds. This book allows readers to explore
how these technologies will impact peoples' lives by
2030. It helps readers to not only better understand the

use and implications of emerging technologies, but also
to imagine how their individual life will be shaped by
them. The book provides an opportunity to see the great
potential but also the threats and challenges presented
by the emerging technologies of the Fourth Industrial
Revolution, posing questions for the reader to think
about what future they want. Emerging technologies,
such as robotics, artificial intelligence, big data and
analytics, cloud computing, nanotechnology,
biotechnology, the Internet of Things, fifth-generation
wireless technologies (5G), and fully autonomous
vehicles, among others, will have a significant impact on
every aspect of our lives, as such this book looks at their
potential impact in the entire spectrum of daily life,
including home life, travel, education and work, health,
entertainment and social life. Providing an indication of
what the world might look like in 2030, this book is
essential reading for students, scholars, professionals,
and policymakers interested in the nexus between
emerging technologies and sustainable development,
politics and society, and global governance.
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 gathers outstanding research papers
presented at the International Joint Conference on
Computational Intelligence (IJCCI 2019), held at the

University of Liberal Arts Bangladesh (ULAB), Dhaka, on 25–26 October 2019 and jointly organized by the University of Liberal Arts Bangladesh (ULAB), Bangladesh; Jahangirnagar University (JU), Bangladesh; and South Asian University (SAU), India. These proceedings present novel contributions in the areas of computational intelligence, and offer valuable reference material for advanced research. The topics covered include collective intelligence, soft computing, optimization, cloud computing, machine learning, intelligent software, robotics, data science, data security, big data analytics, and signal and natural language processing.

This book is designed for those who want a better grasp of the nature and existential threat of today's information wars. It uses a conceptual approach to explain the relevant concepts as well as the structural challenges and responsibilities with which policy makers struggle and practitioners must work.

This new volume looks at the electrifying world of blockchain technology and how it has been revolutionizing the Internet of Things and cyber-physical systems. Aimed primarily at business users and developers who are considering blockchain-based projects, the volume provides a comprehensive introduction to the theoretical and practical aspects of blockchain technology. It presents a selection of chapters on topics that cover new information on blockchain and bitcoin security, IoT security threats and attacks, privacy issues, fault-tolerance mechanisms, and more. Some major software packages are discussed,

and it also addresses the legal issues currently affecting
the field. The information presented here is relevant to
current and future problems relating to blockchain
technology and will provide the tools to build efficient
decentralized applications. Blockchain technology and
the IoT can profoundly change how the world—and
businesses—work, and this book provides a window into
the current world of blockchain. No longer limited to just
Bitcoin, blockchain technology has spread into many
sectors and into a significant number of different
technologies.
This book presents articles from the International
Conference on Blockchain Technology (IC-BCT) 2019,
held in Mumbai, India, and highlights recent advances in
the field. It brings together researchers and industry
practitioners to show case their ideas linked to business
case studies, and provides an opportunity for engineers,
researchers, startups and professionals in the field of
Blockchain technology to further collaboration.
DIGITAL CITIES ROADMAP This book details
applications of technology to efficient digital city
infrastructure and its planning, including smart buildings.
Rapid urbanization, demographic changes,
environmental changes, and new technologies are
changing the views of urban leaders on sustainability, as
well as creating and providing public services to tackle
these new dynamics. Sustainable development is an
objective by which the processes of planning,
implementing projects, and development is aimed at
meeting the needs of modern communities without
compromising the potential of future generations. The

advent of Smart Cities is the answer to these problems. Digital Cities Roadmap provides an in-depth analysis of design technologies that lay a solid foundation for sustainable buildings. The book also highlights smart automation technologies that help save energy, as well as various performance indicators needed to make construction easier. The book aims to create a strong research community, to have a deep understanding and the latest knowledge in the field of energy and comfort, to offer solid ideas in the nearby future for sustainable and resilient buildings. These buildings will help the city grow as a smart city. The smart city has also a focus on low energy consumption, renewable energy, and a small carbon footprint. Audience The information provided in this book will be of value to researchers, academicians and industry professionals interested in IoT-based architecture and sustainable buildings, energy efficiency and various tools and methods used to develop green technologies for construction in smart cities. Pandit Deendayal Upadhyaya is well-known for his holistic philosophy of 'Integral Humanism' and the supreme challenge of today; is to convert his ideological-base to actual practice. The key objective of Integral Humanism is to develop an indigenous economic model, based on Bharatiya culture, to solve the problems faced by India. An indigenous economic operating system, with Dharma as its central pillar, is the need of the hour so that India will emerge as the strongest economy of the world in a purely ethical manner. Here in this book the authors try to propose such a developmental strategy by blending Blockchain technologies with Integral

Humanism.

This book constitutes the refereed proceedings of the
Second International EAI Conference on Emerging
Technologies for Developing Countries, AFRICATEK
2018, held in Cotonou, Benin, in May 2018. The 12
revised full papers and 4 short papers were selected
from 27 submissions. The papers are organized
thematically in tracks, starting with ITS and security,
applications and IT services, gaming and user
experience.

Technology in Supply Chain Management and Logistics:
Current Practice and Future Applications analyzes the
implications of these technologies in a variety of supply
chain settings, including block chain, Internet of Things
(IoT), inventory optimization, and medical supply chain.
This book outlines how technologies are being utilized
for product planning, materials management and
inventory, transportation and distribution, workflow,
maintenance, the environment, and in health and safety.
Readers will gain a better understanding of the
implications of these technologies with respect to value
creation, operational effectiveness, investment level,
technical migration and general industry acceptance. In
addition, the book features case studies, providing a real-
world look at supply chain technology implementations,
their necessary training requirements, and how these
new technologies integrate with existing business
technologies. Identifies emerging supply chain
technologies and trends in technology acceptance and
utilization levels across various industry sectors Assists
professionals with technology investment decisions,

procurement, best values, and how they can be utilized for logistics operations Features videos showing technology application, including optimization software, cloud computing, mobility, 3D printing, autonomous vehicles, drones and machine learning
Find out what Blockchain is, how it works, and what it can do for you Blockchain is the technology behind Bitcoin, the revolutionary 'virtual currency' that's changing the way people do business. While Bitcoin has enjoyed some well-deserved hype, Blockchain may be Bitcoin's most vital legacy. Blockchain For Dummies is the ideal starting place for business pros looking to gain a better understanding of what Blockchain is, how it can improve the integrity of their data, and how it can work to fundamentally change their business and enhance their data security. Blockchain For Dummies covers the essential things you need to know about this exciting technology's promise of revolutionizing financial transactions, data security, and information integrity. The book covers the technologies behind Blockchain, introduces a variety of existing Blockchain solutions, and even walks you through creating a small but working Blockchain-based application. Blockchain holds the promise to revolutionize a wide variety of businesses. Get in the know about Blockchain now with Blockchain For Dummies and be ready to make the changes to business that your colleagues and competitors will later wish they'd done. Discover ten ways Blockchain can change business Find out how to apply a Blockchain solution See how to make data more secure Learn how to work with vendors Filled with vital information and tips

on how this paradigm-changing technology can transform your business for the better, this book will not only show you Blockchain's full potential, but your own as well!

El fenómeno global y globalizante de las innovaciones disruptivas suele estudiarse desde una óptica meramente técnica. Pero las innovaciones disruptivas son también un fenómeno cultural que reclama una mirada desde la óptica de las humanidades. Aunque el fenómeno `disruptivo' no apareció de repente a finales del siglo pasado, se impone inicialmente un escrutinio detallado del pensamiento económico que encapsuló, a modo de credo, el fenómeno disruptivo como una realidad sui generis del más reciente proceso globalizador. Tal análisis aporta la singular paradoja de que el fenómeno disruptivo carecería de un marco teórico válido que permita no solo explicar, sino anticipar su dinámica, al menos a corto o mediano plazo. Resolver esta aporía es un reto académico inmediato, al menos desde el lado de la economía, la sociología y, por qué no, de la filosofía. Por el momento, los productos y servicios derivados de las innovaciones disruptivas son y seguirán siendo elementos cada vez más imprescindibles para una mayoría creciente de habitantes del planeta. Los emprendimientos empresariales que las hacen y harán factibles continuarán imponiendo un rumbo frenético a la inversión e innovación misma. La fisonomía social y cultural de la humanidad en ciernes apenas empieza a ser intuida.

Can there be reliable information that is also relevant to

decision making? Information for Efficient Decision Making: Big Data, Blockchain and Relevance focuses on the consolidation of information to facilitate making decisions in firms, in order to make their operations efficient to reduce their costs and consequently, increase their profitability. The advent of blockchain has generated great interest as an alternative to centralized organizations, where the data is gathered through a centralized ledger keeping of activities of the firm. The decentralized ledger keeping is one of the main features of blockchain that has given rise to many issues of technology, development, implementation, privacy, acceptance, evaluation and so on. Blockchain concept is a follow-up to big data environment facilitated by enormous progress in computer hardware, storage capacities and technological prowess. This has resulted in the rapid acquiring of data not considered possible earlier. With shrewd modeling analytics and algorithms, the applications have grown to significant levels. This handbook discusses the progress in data collection, pros and cons of collecting information on decentralized publicly available ledgers and several applications.

Die Blockchain-Technologie verspricht, den Finanzmarkt, die Versicherungsbranche, das Supply-Chain-Management und andere Branchen zu revolutionieren. Aber Sie müssen kein Tech-Nerd sein, um die Blockchain zu verstehen. Dieses Buch erklärt die Grundlagen und wichtige Anwendungen wie Kryptowährungen und Smart Contracts. Reale Beispiele machen deutlich, wie Blockchains funktionieren und wo ihr Mehrwert liegt. Erstellen Sie eine eigene Blockchain, schauen Sie sich die wichtigsten Blockchain-Anbieter an, erkennen Sie das Disruptionspotenzial für eingesessene Industrien und vieles mehr.

Learn and innovate with the latest technologies in nursing and healthcare! The first text of its kind in nursing, this book

provides up-to-date information on innovative, smart technologies that nurses can use in clinical and nonclinical settings to keep up with the changing face of healthcare. This compelling guide will provide you with information about exciting areas of technology that have great potential to improve patient care. Subjects include big data, artificial intelligence, virtual and augmented realities, connected technologies, and precision health. There is also discusson of the shift of healthcare delivery into the community, with an outlook on improving outcomes and enhancing practice. Each chapter focuses on developing competency in current and future real-world applications of emerging technologies. Early chapters describe how to utilize new tools, processes, models, and products to serve the quadruple aim of better managing populations, decreasing costs, and enhancing both the patient's and the clinician's experience. The culture of innovation coincides with the ever-changing politics of healthcare in later chapters, which then evolves into the entrepreneurial opportunities for nurses. This text is an essential introduction for all practicing nurses, nurse leaders, and nurses teaching health information technology or informatics courses. Key Features: Written by nurses for nurses The latest information on emerging health information technology and associated nursing implications Compelling cases show the dramatic effect of innovations on value-based care Learn how applying novel technologies can improve patient care Qualified instructors have access to supplementary materials, including PowerPoint slides and an Instructor's Manual
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.

Seit ihrer erstmaligen Vorstellung im Zusammenhang mit der Bitcoin-Blockchain gilt die Blockchain-Technologie als eine der Zukunftstechnologien, die einen großen Einfluss auf Unternehmen und ihre bestehenden Geschäftsmodelle haben

wird. Trotz der offensichtlich hohen Relevanz dieser Technologie für die Planung und den Fortbestand solcher Unternehmen, finden sich bisher nur wenige wirtschaftswissenschaftliche Ansätze zur Analyse und Strukturierung der Effekte der Technologie aus einer Managementperspektive. Insbesondere stehen die Geschäftsmodelle solcher Unternehmen im Fokus, die als Intermediäre agieren. Unternehmen benötigen einen strukturierten Ansatz, um ihre Geschäftsmodelle auf die Auswirkungen der Implementation einer Blockchain-Infrastruktur im eigenen Unternehmen oder im Unternehmensumfeld zu überprüfen. Zu diesem Zweck wird ein Vorgehensmodells entwickelt, welches eine vierphasige Vorgehensweise, basierend auf einer Kombination und Erweiterung bestehender wirtschaftswissenschaftlicher Grundlagen und Managementmethoden postuliert. Die Teilschritte und Instrumente der Phasen werden inhaltlich entwickelt und anschließend in einer integrierten Illustrations-Mehrfallstudie anhand von vier exemplarischen Fällen intermediärer Unternehmen erprobt und die Vorgehensweise demonstriert.

As we enter the Industrial Revolution 4.0, demands for an increasing degree of trust and privacy protection continue to be voiced. The development of blockchain technology is very important because it can help frictionless and transparent financial transactions and improve the business experience, which in turn has far-reaching effects for economic, psychological, educational and organizational improvements in the way we work, teach, learn and care for ourselves and each other. Blockchain is an eccentric technology, but at the same time, the least understood and most disruptive technology of the day. This book covers the latest technologies of cryptocurrencies and blockchain technology and their applications. This book discusses the blockchain

and cryptocurrencies related issues and also explains how to provide the security differently through an algorithm, framework, approaches, techniques and mechanisms. A comprehensive understanding of what blockchain is and how it works, as well as insights into how it will affect the future of your organization and industry as a whole and how to integrate blockchain technology into your business strategy. In addition, the book explores the blockchain and its with other technologies like Internet of Things, big data and artificial intelligence, etc.

This book gathers papers on interactive and collaborative mobile learning environments, assessment, evaluation and research methods in mobile learning, mobile learning models, theory and pedagogy, open and distance mobile learning, life-long and informal learning using mobile devices, wearables and the Internet of Things, game-based learning, dynamic learning experiences, mobile systems and services for opening up education, mobile healthcare and training, case studies on mobile learning, and 5G network infrastructure. Today, interactive mobile technologies have become the core of many--if not all--fields of society. Not only do the younger generation of students expect a mobile working and learning environment, but also the new ideas, technologies and solutions introduced on a nearly daily basis also boost this trend. Discussing and assessing key trends in the mobile field were the primary aims of the 13th International Conference on Interactive Mobile Communication Technologies and Learning (IMCL2019), which was held in Thessaloniki, Greece, from 31 October to 01 November 2019. Since being founded in 2006, the conference has been devoted to new approaches in interactive mobile technologies, with a focus on learning. The IMCL conferences have since become a central forum of the exchange of new research results and relevant trends, as well as best practices. The books intended

readership includes policymakers, academics, educators, researchers in pedagogy and learning theory, schoolteachers, further education lecturers, practitioners in the learning industry, etc.

After a short description of the key concepts of big data the book explores on the secrecy and security threats posed especially by cloud based data storage. It delivers conceptual frameworks and models along with case studies of recent technology.

This timely book proposes a new perspective on building innovation in companies providing business services. Implementing an innovation orientation paradigm based on six pillars – strategy, organisational culture, human resources, structure and process, marketing, and technology – it sets out a framework for achieving innovation through knowledge management.

Cryptoassets represent one of the most high profile financial products in the world, and fastest growing financial products in history. From Bitcoin, Etherium and Ripple's XRP-so called "utility tokens" used to access financial services-to initial coin offerings that in 2017 rivalled venture capital in money raised for startups, with an estimated $5.6 billion (USD) raised worldwide across 435 ICOs. All the while, technologists have hailed the underlying blockchain technology for these assets as potentially game changing applications for financial payments and record-keeping. At the same time, cryptoassets have produced considerable controversy. Many have turned out to be lacklustre investments for investors. Others, especially ICOs, have also attracted noticeable fraud, failing firms, and alarming lapses in information-sharing with investors. Consequently, many

commentators around the world have pressed that ICO
tokens be considered securities, and that concomitant
registration and disclosure requirements attach to their
sales to the public. This volume assembles an
impressive group of scholars, businesspersons and
regulators to collectively write on cryptoassets. This
volume represents perspectives from across the
regulatory ecosystem, and includes technologists,
venture capitalists, scholars, and practitioners in
securities law and central banking.
This book describes the implementation of green IT in
various human and industrial domains. Consisting of four
sections: "Development and Optimization of Green IT",
"Modelling and Experiments with Green IT Systems",
"Industry and Transport Green IT Systems", "Social,
Educational and Business Aspects of Green IT", it
presents results in two areas – the green components,
networks, cloud and IoT systems and infrastructures;
and the industry, business, social and education
domains. It discusses hot topics such as programmable
embedded and mobile systems, sustainable software
and data centers, Internet servicing and cyber social
computing, assurance cases and lightweight
cryptography in context of green IT. Intended for
university students, lecturers and researchers who are
interested in power saving and sustainable computing,
the book also appeals to engineers and managers of
companies that develop and implement energy efficient
IT applications.
This book introduces readers to some of the most
significant advances in core computer science-based

technologies. At the dawn of the 4th Industrial Revolution, the field of computer science-based technologies is growing continuously and rapidly, and is developing both in itself and in terms of its applications in many other disciplines. Written by leading experts and consisting of 18 chapters, the book is divided into seven parts: (1) Computer Science-based Technologies in Education, (2) Computer Science-based Technologies in Risk Assessment and Readiness, (3) Computer Science-based Technologies in IoT, Blockchains and Electronic Money, (4) Computer Science-based Technologies in Mobile Computing, (5) Computer Science-based Technologies in Scheduling and Transportation, (6) Computer Science-based Technologies in Medicine and Biology, and (7) Theoretical Advances in Computer Science with Significant Potential Applications in Technology. Featuring an extensive list of bibliographic references at the end of each chapter to help readers probe further into the application areas of interest to them, this book is intended for professors, researchers, scientists, engineers and students in computer science-related disciplines. It is also useful for those from other disciplines wanting to become well versed in some of the latest computer science-based technologies. In this book, the author outlines a Robust Web Parking, Truck and Transportation Portal (RWPTTP) for integrating parking and transportation services – a revolutionary approach in contrast to incremental change for managing traffic congestion. Autonomous vehicle technology, artificial intelligence, internet of things (IOT), and other interconnected hardware and software tools

will assist autonomous parking and transportation services and provide next-century infrastructure for consolidated transportation customer services. The book highlights currently available autonomous parking and transportation technologies, and the development of an integrated and intelligent transportation service/system (IITS) platform, with specific use of technologies to reconfigure the transportation industry. The author also suggests many regulatory and policy changes to simplify data collection, traffic operation, introduction of a duplicate transportation system using light rail (LRs) and high speed rail (SPRs), and redistribution of parking spaces along such routes, using renewable energy. This book highlights recent research on bio-inspired computing and its various innovative applications in information and communication technologies. It presents 51 high-quality papers from the 11th International Conference on Innovations in Bio-Inspired Computing and Applications (IBICA 2020) and 10th World Congress on Information and Communication Technologies (WICT 2020), which was held online during December 16-18, 2019. As a premier conference, IBICA--ICT brings together researchers, engineers and practitioners whose work involves bio-inspired computing, computational intelligence and their applications in information security, real-world contexts, etc. Including contributions by authors from 25 countries, the book offers a valuable reference guide for all researchers, students and practitioners in the fields of Computer Science and Engineering.
La tercera edición de la colección "Así habla

elExternado" examina el impacto que las tecnologías disruptivas y latransformación digital están teniendo sobre el conjunto de la sociedad, bajouna lente humanista e interdisciplinar, propia de nuestra institución. LaCuarta Revolución Industrial (4RI), que ha permeado todos los campos de laactividad humana y la sociedad, ofrece la inmensa oportunidad de reducir lasbrechas de conocimiento e ingreso económico y generar progreso social ydemocrático, pero puede también tener el efecto contrario. El lector y lalectora encontrarán en estos cuatro tomos reflexiones valiosas, en sus 74escritos, para comprender en todo su alcance estas innovaciones y podercontribuir así a la construcción de realidades cada vez más incluyentes yparticipativas. En este tomo se discuten los impactos de las tecnologíasdisruptivas en las políticas públicas y la regulación. Esas tecnologías tienenel potencial de modificar las maneras como la Administración Pública opera, asícomo el modo en que interactúa con la sociedad civil. El uso de estasherramientas por parte de la Administración afecta distintas dimensiones delsector público, incluyendo el sector defensa, el ámbito ambiental e incluso ladiplomacia, entre otros. Además, las tecnologías de la 4RI suponen desafíospara la regulación y la protección al consumidor derivados del uso detecnologías como, por ejemplo, la inteligencia artificial y el Blockchain enterrenos diversos: el mercado de valores, las Fintech, el comercio exterior,etc. Los trabajos que contiene este volumen discuten en profundidad tales retose implicaciones, su incidencia en los objetivos de las políticas públicas, ypresentan

propuestas de regulación para el adecuado aprovechamiento de dichas tecnologías.
A presente obra contém estudos sobre prova penal. Acrescendo aos vários projetos sobre a Teoria da Prova e do Direito Probatório Penal promovidos pelos coordenadores, a presente obra visa contribuir para a consolidação de uma cultura jurídica da prova penal que, tanto quanto possível, ajude a superar o diagnóstico de Cavaleiro de Ferreira de que as regras da prova e todas as questões jurídicas com a prova conexas constituem um capítulo desprezado da ciência jurídica. Os 15 estudos analisam e discutem problemas jurídicos atuais e universalizáveis sobre temas de epistemologia da prova, prova digital, prova do branqueamento e incertezas das proibições de prova. Juntam-se ao caminho que tem vindo a ser percorrido no sentido da constituição de um corpo doutrinário coeso, não como um pensamento de escola ancilosado, mas como um espaço de debate aberto e informado sobre os fundamentos e as aplicações da prova em matéria penal, e espera-se que da leitura dos mesmos surjam mais pessoas com o mesmo desejo de investigar a prova penal.
The first edition of this book in 2002 was the first UK text to examine digital copyright together with related areas such as performers' rights, moral rights, database rights and competition law as a subject in its own right. Now in its fifth edition, the book has been substantially updated and revised to take account of legal and policy developments in

copyright law and related areas, the new UK copyright exceptions, recent CJEU cases, the regulation of Collective Management Organisations, orphan works, and developments in EU copyright legislation and the EU's Digital Single Market Strategy. It also contains new sections on big data and data mining, the impact of artificial intelligence and blockchain on copyright, and the future for UK copyright after Brexit. The book helps put digital copyright law and policy into perspective and provides practical guidance for those creating or exploiting digital content or technology, whether in academia, the software, information, publishing and creative industries, or other areas of the economy. The focus of Digital Copyright is on the specifics of the law in this area together with practical aspects. Both academics and practitioners will find the book an invaluable guide to this ever-expanding field of law. Review of Previous Edition: 'Overall, Digital Copyright is well worth the relatively modest price for a book that will be stimulating for anyone who has to think about copyright in the digital realm.' Francis Davey, Journal of Intellectual Property Law and Practice

First published in 2001, Art and Copyright has established itself as a leading text in the field. Revised and updated, this third edition includes additional coverage of the following topics: - The relationship between designs law and artistic works;

- EU and Brexit developments; - AI-created works; - graffiti and other non-conventional works; - blockchain and rights management; - orphan works; - new exceptions to copyright; and - digital copyright, art databases and online platforms. This book remains an invaluable work for all those involved in art law and for intellectual property lawyers involved with the exploitation and/or sale of artistic works, as well as for intellectual property academics, researchers, law students, curators, publishers, artists, gallery owners, auction houses, and those developing and running online art platforms, databases and technology to transact in art. Unravel the mysteries of blockchains Blockchain technologies are disrupting some of the world's biggest industries. Blockchain For Dummies provides a fast way to catch up with the essentials of this quickly evolving tech. Written by an author involved in founding and analyzing blockchain solutions, this book serves to help those who need to understand what a blockchain can do (and can't do). This revised edition walks you through how a blockchainsecurely records data across independent networks. It offers a tour of some of the world's best-known blockchains, including those that power Bitcoin and other cryptocurrencies. It also provides a glance at how blockchain solutions are affecting the worlds of finance, supply chain management, insurance, and governments. Get a clear picture of

what a blockchain can do Learn how blockchains
rule cryptocurrency and smart contracts Discover
current blockchains and how each of them work Test
blockchain apps Blockchain has become the critical
buzzword in the world of financial technology and
transaction security — and now you can make sense
of it with the help of this essential guide.
Blockchain Technology and the Internet of
ThingsChallenges and Applications in Bitcoin and
SecurityCRC Press
The United Nation's Sustainable Development Goals
call for the establishment of Good Health and Well-
being and target a universal digital healthcare
ecosystem by 2030. However, existing technology
infrastructure is ineffectual in achieving the
envisioned target and requires massive
reconfiguration to achieve its intended outcome. This
book suggests a way forward with fair and efficient
digital health networks that provide resource
efficiencies and inclusive access to those who are
currently under-served. Specifically, a fair and
efficient digital health network that provides a
common platform to its key stakeholders to facilitate
sharing of information with a view to promote
cooperation and maximise benefits. A promising
platform for this critical application is 'cloud
technology' with its offer of computing as a utility
and resource sharing. This is an area that has
attracted much scholarly attention as it is well-suited

to foster such a network and bring together diverse players who would otherwise remain fragmented and be unable to reap the benefits that accrue from cooperation. The fundamental premise is that the notion of value in a digital-health ecosystem is brought about by the sharing and exchange of digital information. However, notwithstanding the potential of information and communication technology to transform the healthcare industry for the better, there are several barriers to its adoption, the most significant one being misaligned incentives for some stakeholders. This book suggests among other findings, that e-health in its true sense can become fair and efficient if and only if a regulatory body concerned assumes responsibility as the custodian of its citizens' health information so that 'collaboration for value' will replace 'competition for revenue' as the new axiom in delivering the public good of healthcare through digital networks.

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