GDPR In A Nutshell: A Beautiful Guide To Understanding How You Need To Comply

Digital archives are transforming the Humanities and the Sciences. Digitized collections of newspapers and books have pushed scholars to develop new, data-rich methods. Born-digital archives are now better preserved and managed thanks to the development of open-access and commercial software. Digital Humanities have moved from the fringe to the center of academia. Yet, the path from the appraisal of records to their analysis is far from smooth. This book explores crossovers between various disciplines to improve the discoverability, accessibility, and use of born-digital archives and other cultural assets.

The quest for a natural law that can be applied to a digital society may sound like an oxymoron, but it is a necessary quest if we hope to institute a "Digital New Deal": Hence the title of this book. Today once again, mass media is disrupting society, much as radio and cinema were used to buttress totalitarianism in the 1920s … or even worse, in the 15th century, when the printing of the Bible unleashed 100 years of war, plague and instability. Things get messy when people disagree on facts rather than ideas. Natural law springs from the features of the physical world, which contains boundaries (an inside and an outside), limited resources, living individuals, objects, living animals, living plants, climate, the four elements, etc. None of this is a given in the digital world, which looks today like feudalism in a box, with (fire)walled communities run by unelected autocrats (system administrators) ruling over countless subjects, whose identities are tied to the domain of the (fire)walled community and whose rights can only be enforced by the autocratic system administrator. This dystopic reality is neither necessary nor inevitable. It is the consequence of bad technical design and inappropriate business models, which are destroying the spirit of free pluralism that enabled them to thrive in the first place. Information technology has its own ontology and "natural" rules, and we must understand them and learn to regard them as being among the founding legal principles of our free, open, pluralistic societies. Of the 12 founding digital principles addressed here, the most important may well be that we must each own and control our digital identities. In the world created by information technology, everyone and everything should possess a UID, a unique identifier. Without one, we are just helpless particles lost in a dark and hostile universe.

The Privacy Nutshell briefly reviews the historical roots of privacy, and then examines each of these U.S. privacy statutes and regulations. Virtually all governments and businesses face privacy considerations as technology continues to evolve. Legal issues related to privacy are exploding on the U.S. legal scene. The EU has a long history of a strong regulatory privacy regime. The U. S., however, follows a sectoral approach to privacy, whereby Congress responds to each privacy "crisis" with a new statute and set of regulations. This sectoral approach has resulted in a unique series of privacy rules for different areas of society. The Privacy Nutshell is an excellent introductory guide to the legal privacy world.

The importance of Trustworthy and Explainable Artificial Intelligence (XAI) is recognized in academia, industry and society. This book introduces tools for dealing with imprecision and uncertainty in XAI applications where explanations are demanded, mainly in natural language. Design of Explainable Fuzzy Systems (EXFS) is rooted in Interpretable Fuzzy Systems, which are thoroughly covered in the book. The idea of interpretability in fuzzy systems, which is grounded on mathematical constraints and assessment functions, is firstly introduced. Then, design methodologies are described. Finally, the book shows with practical examples how to design EXFS from interpretable fuzzy systems and natural language generation. This approach is supported by open source software. The book is intended for researchers, students and practitioners who wish to explore EXFS from theoretical and practical viewpoints. The breadth of coverage will inspire novel applications and scientific advancements.

Genetic Surveillance and Crime Control
The Practical Guide to Digital Transformation
Investing in the Digital Age
Explainable Fuzzy Systems
Framing Big Data
Identity and Privacy Governance
Robo-Advisory

This book constitutes the refereed conference proceedings of the 8th Annual Privacy Forum, APF 2020, held in Lisbon, Portugal, in October 2020. The 12 revised full papers were carefully reviewed and selected from 59 submissions. The papers are organized in topical sections on impact assessment; privacy by design; data protection and security; and transparency.

This book constitutes the refereed conference proceedings of the 2nd International Workshop on Cryprocurrencies and Blockchain Technology, CBT 2018, and the 13thInternational Workshop on Data Privacy Management, DPM 2018, on conjunction with the 23nd European Symposium on Research in Computer Security, ESORICS 2018, held in Barcelona, Spain, in September 2018. From the CBT Workshop 7 full and 8 short papers out of 39 submissions are included. The selected papers cover aspects of identity management, smart contracts, soft- and hardforks, proof-of-works and proof of stake as well as on network layer aspects and the application of blockchain technology for secure connect event ticketing. The DPM Workshop received 36 submissions from which 11 full and 5 short papers were selected for presentation. The papers focus on challenging problems such as translation of high-level buiness goals into system level privacy policies, administration of sensitive identifiers, data integration and privacy engineering.

This book constitutes the refereed conference proceedings of the 4th Annual Privacy Forum, APF 2016, held in Frankfurt/Main, Germany, in September 2016. The 12 revised full papers presented in this volume were carefully reviewed and selected from 32 submissions. The papers are organized in three sessions: eIDAS and data protection regulation; IoT and public clouds; and privacy policies and privacy risk presentation.

Marketers everywhere are talking about content, but not everyone is saying the same thing. Some professionals love content and believe it has revolutionized the practice of marketing. To others, it's mere hype: a new name for what marketers have always done. The Definitive Guide to Strategic Content

Marketing brings together all of these diverse perspectives, structuring them around useful key topics that provide insight into the multi-faceted nature of content marketing, featuring interviews with leading academics, industry experts, global thought leaders and influencers. The editors of The Definitive Guide to Strategic Content Marketing weave different voices together to present a balanced view of content marketing, grouping the discussion around relevant subjects such as content monetization, native advertising, visuals vs video, and the challenge of measuring results. This structure allows readers to move through the book according to their interests, and cherry-pick the most useful aspects of each discussion to apply to their own marketing initiatives. Containing contributions from brands such as GE, General Motors, HSBC, Football Association, Diageo and Pernod Ricard, and agencies including Oglivy Group UK, Havas, Zenith, Vizeum, Accenture and more, this book is a truly unique resource. Online resources include bonus chapters. With a foreword written by Tom Goodwin, author of Digital Darwinism and EVP, Head of Innovation at Zenith USA, this book contains insight and contributions from a wealth of A-list industry professionals and influencers, including: Tim Lindsay, Bob Garfield, Bob Hoffman, Faris Yakob, Thomas Kolster, Rebecca Lieb, Tia Castagno, Scott Donaton, Rober Rose, David Berkowitz, Professors Mara Einstein, Mark Ritson and Douglas Rushkoff.

Data Protection and Democracy
GDPR: a Game of Snakes and Ladders
The GDPR Handbook
Archives, Access and Artificial Intelligence
8th Annual Privacy Forum, APF 2020, Lisbon, Portugal, October 22–23, 2020, Proceedings
18th Workshop on e-Business, WeB 2019, Munich, Germany, December 14, 2019, Revised Selected Papers
The Shareholder Rights Directive II

This book constitutes revised selected papers from the 18th Workshop on e-Business, WeB 2019, which took place in Munich, Germany, in December 2019. The purpose of WeB is to provide a forum for researchers and practitioners to discuss findings, novel ideas, and lessons learned to address major challenges and map out the future directions for e-Business. The WeB 2019 theme was "Smart Business: Technology and Data Enabled Innovative Business Models and Practices." The 20 papers included in this volume were carefully reviewed and selected from a total of 42 submissions. The contributions are organized in topical sections as follows: crowdfunding and blockchain; business analytics; digital platforms and social media; managing e-Business projects and processes; and global e-Business.

This book offers guidance for US-based IT businesses on both sides of the Atlantic when dealing with big data and government data, since transatlantic data flows are key to the success of these enterprises. It offers practical insights into many of the data-protection challenges US companies in various industries face when seeking to comply with US and EU data-protection laws, and analyses the potential conflicts in the light of their risks and the way in which US-based cloud providers react to the uncertainties of the applicable data-protection rules. The book particularly focuses on the insights derived from a qualitative study conducted in 2016 with various cloud-based IT businesses in the Silicon Valley area, which shows the diversity of views on data protection and the many approaches companies take to this topic. Further, it discusses key data-protection issues in the field of big data and government data.

The concept of a risk-based approach to data protection came to the fore during the overhaul process of the EU's General Data Protection Regulation (GDPR). At its core, it consists of endowing the regulated organizations that process personal data with increased responsibility for complying with data protection mandates. Such increased compliance duties are performed through risk management tools. This book provides a comprehensive analysis of this legal and policy development, which considers a legal, historical, and theoretical perspective. By framing the risk-based approach as a sui generis implementation of a specific regulation model 'known as meta regulation, this book provides a recollection of the policy developments that led to the adoption of the risk-based approach in light of regulation theory and debates. It also discusses a number of salient issues pertaining to the risk-based approach, such as its rationale, scope, and meaning; the role for regulators; and its potential and limits. The book also looks at they way it has been undertaken in major statutes with a focus on key provisions, such as data protection impact assessments or accountability. Finally, the book devotes considerable attention to the notion of risk. It explains key terms such as risk assessment and management. It discusses in-depth the role of harms in data protection, the meaning of a data protection risk, and the difference between risks and harms. It also critically analyses prevalent data protection risk management methodologies and explains the most important caveats for managing data protection risks.

Economic Renaissance in the Age of Artificial Intelligence explores a wide range of new approaches to the economic, social, legal, scientific, technological, financial, architectural, environmental, and humanistic challenges that humanity will face due to increased automation. Marshall Goldsmith wrote in his book, What Got You Here, Won't Get You There, that people rely on their past experience to address new challenges. The limitation with this approach is that these new challenges often arise from different contexts and may not be susceptible to traditional approaches. In the coming era of artificial intelligence (AI), expanded use of robots, and increased trans-national commerce, humanity will face monumental challenges that will differ from those we have faced in the past, including how to avoid mass unemployment due to rapid growth of automation. In order to survive and thrive in this new era, we will have to think and act differently, so that new ideas can solve not only the problems of the present but also of the near and distant future. Economic Renaissance in the Age of Artificial Intelligence explores a wide range of new approaches to the economic, social, legal, scientific, technological, financial, architectural, environmental, and humanistic challenges that humanity will face due to increased automation. The new methods and approaches outlined by the various experts in this book will help inform and inspire humanity to create a more balanced world in which science, economics, and the environment can thrive for years to come.

Information Systems
Brexit For Dummies
Blockchains, Smart Contracts, Decentralised Autonomous Organisations and the Law
The Individual Statuses as Pillar of European Union Integration

Dictionary of Statuses within EU Law
Data Protection and Privacy

Part I Setting the scene -- Introduction: Individual rights, the public interest and biobank research 4000 (8) -- Genetic data a protection -- Part II GDPR and European responses -- Biobank governance and the impact of the GDPR on the regulation of b research -- Controller' and processor's responsibilities in biobank research under GDPR -- Individual rights in biobank research GDPR -- Safeguards and derogations relating to processing for archiving purposes in the scientific purposes: Article 89 analys biobank research -- A Pan-European analysis of Article 89 implementation and national biobank research regulations -- EEA, Switzerland analysis of GDPR requirements and national biobank research regulations -- Part III National insights in biobank regulatory frameworks -- Selected 10-15 countries for reports: Germany -- Greece -- France -- Finland -- Sweden -- United KI Part IV Conclusions -- Reflections on individual rights, the public interest and biobank research, ramifications and ways forwa A new wave of digital technologies has impacted the business world like a tsunami. But after a first phase characterized by I unrealistic expectations, there is now a shared need for a better understanding of how to create real and sustainable value I these technologies. This book suggests a pragmatic approach to value creation by embracing the post-digital mindset: a mor attitude toward digital innovation focused on putting these technologies at work rather than marveling at them. After the ill a post-digital manifesto, the book explores all the key topics and tools that are relevant for the decision makers in this conte The subjects of this volume are more relevant than ever, especially in light of the raft of electoral scandals concerning voter This volume brings together papers that offer conceptual analyses, highlight issues, propose solutions, and discuss practices privacy and data protection. It is one of the results of the twelfth annual International Conference on Computers, Privacy an Protection, CPDP, held in Brussels in January 2019. The book explores the following topics: dataset nutrition labels, lifeloggin privacy by design, data protection iconography, the substance and essence of the right to data protection, public registers a protection, modelling and verification in data protection impact assessments, examination scripts and data protection law in Cameroon, the protection of children's digital rights in the GDPR, the concept of the scope of risk in the GDPR and the ePriv Regulation. This interdisciplinary book has been written at a time when the scale and impact of data processing on society – individuals, but also on social systems – is becoming ever starker. It discusses open issues as well as daring and prospective and will serve as an insightful resource for readers with an interest in computers, privacy and data protection.
Your practical and fearless guide to surviving the world's biggest break-up Whether you're a staunch Remainer, a buccaneerin Brexiteer, or are wavering between the two camps, you'll want to be fully au fait with all the issues surrounding Britain's exi EU—wherever in the world you and your business are based. This book, by leading businessman and entrepreneur Nicholas Wa will arm you with everything you need to negotiate the post-Brexit landscape and end up just where you need to be. Kicking the history behind the tightly fought June 23 referendum, Brexit for Dummies covers the origins of British Euroscepticism rig the most recent legal and policy changes in place following the vote. As well as looking at the influence Brexit has already ha domestically and internationally—the book takes a glimpse at what lies ahead, giving you vital insights into how to protect yo right now and to capitalize on new opportunities in the future. Changing customs: how to negotiate the new import-export r global: how is Brexit influencing the international economy? Get moving: what do immigration policy changes mean for my bu Buy or sell?: make the smartest foreign investment decisions both inside and outside Britain Love it or loathe it, Brexit has p implications for your business, and this guide will help you stop worrying and prove that au revoir doesn't mean goodbye for

GDPR and Biobanking
Policy Responses to Digital Dominance
Working with Born-Digital and Digitized Archival Collections
Individual Rights, Public Interest and Research Regulation Across Europe
4th Annual Privacy Forum, APF 2016, Frankfurt/Main, Germany, September 7-8, 2016, Proceedings
Transatlantic Data Protection in Practice
Perspectives, Issues, Challenges and Solutions

To navigate the changing landscape and be able to pursue claims, this book gives practitioners and activists a comprehensive overview of data subject rights. It also provides readers with the historical context and theoretical underpinnings that shaped the introduction of data subject rights.

Do you own a website that collects information on 1 or more EU citizens? This book is for you. Rules are changing around the collection and processing of EU citizens' information for all websites/businesses. Your 24/7 website can act as a 'shop window'; marketing leads, customer information and securing sales. But what if you were no longer able to access its benefits? When almost overnight, your website stopped being a wealth generating asset and turned into a risk. A serious threat capable of attracting huge fines, penalties and challenging the existence of your website/business. What would you do? Is this possible? Yes, these threats are real. With the introduction of The General Data Protection Regulation (GDPR) on 25th May 2018, new rules for all websites/businesses come into force and Non-compliance is not an option.

Ensure your business or organization is compliant with new legislation with this definitive guide to the EU GDPR regulations.

A clear and comprehensive guide to this new data protection law, this book explains the changes you need to make to your data protection and information security regimes, and tells you exactly what you need to do to avoid severe financial penalties. --

Data Privacy Management, Cryptocurrencies and Blockchain Technology
The Risk-Based Approach to Data Protection
Privacy Law in a Nutshell
Privacy and Data Protection in Software Services
A complete and comprehensive guide to Office 365 Administration - manage users, domains, licenses, and much more
18th European, Mediterranean, and Middle Eastern Conference, EMCIS 2021, Virtual Event, December 8-9, 2021 : Proceedings
Digital new deal: the quest for a natural law in a digital society

"For many small businesses, organisations, clubs, artists, faith groups, voluntary organisations/charities, and sole traders applying the General Data Protection Regulation (GDPR) has been like playing a game of "Snakes and Ladders". As soon as you move along the board and climb a ladder a snake appears which takes you right back to where you started. Conflicting advice

abounds and there is nowhere for these individuals to go for simple answers all in one place. With the threat of fines, now more than ever is the time for smaller organisations to get to grips with GDPR so that they can demonstrate their compliance. GDPR: A Game of Snakes and Ladders is an easy to read reference tool which uses simple language in bite size easily signposted chapters. Adopting a no-nonsense approach, the Regulations are explained so that organisations can comply with them with the minimum of fuss and deliver compliance in the shortest timeframe without the need to resort to expensive consultants or additional staff. The book is supported by a variety of easy to follow case studies, example documents and fact sheets. The author signposts warnings and important requirements (snakes) and hints and suggestions (ladders) and also provides a section on staff training and a Game of Snakes and Ladders, training slide pack. Additional resources are available on the companion website. This user-friendly book, written by a Data Protection Officer and business management specialist will help you understand the Regulation, where it applies in your organisation and how to achieve compliance (and win at the compliance game)"--

Genetic Surveillance and Crime Control presents a new empirical and conceptual framework for understanding trends of genetic surveillance in different countries in Europe and in other jurisdictions around the world. The use of DNA or genome for state-level surveillance for crime governance is becoming the norm in democratic societies. In the post-DNA, contemporary modes of criminal identification are gradually changing through the increasing expansion of transnational sharing of DNA data, along with the development of highly controversial genetic technologies that pose acute challenges to privacy and generate fears of discrimination, racism and stigmatization. Some questions that guide this book are: How is genetic surveillance in the governance of crime intertwined with society, ethics, culture, and politics? What are the views and expectations of diverse stakeholders –scientists, police agencies, and non-governmental organizations? How can social sciences research about genetic surveillance accommodate socio-cultural and historical differences, and be sensitive to specificities of post-authoritarian societies in Europe? Taking an interdisciplinary approach focused on challenges to genetic privacy, human rights and citizenship in contemporary societies , this book will be of interest to students and scholars of social studies of science and technology, sociology, criminology, law and policing, international relations and forensic sciences.

Blockchains, Smart Contracts, Decentralised Autonomous Organisations and the LawEdward Elgar Publishing

Robo-Advisory is a field that has gained momentum over recent years, propelled by the increasing digitalization and automation of global financial markets. More and more money has been flowing into automated advisory, raising essential questions regarding the foundations, mechanics, and performance of such solutions. However, a comprehensive summary taking stock of this new solution at the intersection of finance and technology with consideration for both aspects of theory and implementation has so far been wanting. This book offers such a summary, providing unique insights into the state of Robo-Advisory. Drawing on a pool of expert authors from within the field, this edited collection aims at being the vital go-to resource for academics, students, policy-makers, and practitioners alike wishing to engage with the topic. Split into four parts, the book begins with a survey of academic literature and its key insights paired with an analysis of market developments in Robo-Advisory thus far. The second part tackles specific questions of implementation, which are complemented by practical case studies in Part III. Finally, the fourth part looks ahead to the future, addressing questions of key importance such as artificial intelligence, big data, and social networks. Thereby, this timely book conveys both a comprehensive grasp of the status-quo as well as a guiding outlook onto future trends and developments within the field.

Quickly Master the Essentials with Tips, Case Studies and Actionable Advice

ESORICS 2018 International Workshops, DPM 2018 and CBT 2018, Barcelona, Spain, September 6-7, 2018, Proceedings

ESORICS 2019 International Workshops, DPM 2019 and CBT 2019, Luxembourg, September 26–27, 2019, Proceedings

Mastering Office 365 Administration

Cloud Computing Security

A Commentary

A Linguistic and Discursive Approach

Digital transformation is a vital practice for organizations trying to keep up with competitors, but with new digital approaches constantly promising to revolutionise the workplace it can feel impossible to keep up. Cut through the hype with this accessible guide to making end-to-end digital transformation happen. While technology offers the possibility for business improvement, successful digital transformation also requires an effective strategy, the right culture, change management, the ability to stimulate innovation and the knowledge of where to upskill and where to bring in new talent. The Practical Guide to Digital Transformation covers each of these factors and more by breaking the process down to 17 easy-to-follow and practical steps. Each chapter includes a case study of an organization getting it right, along with advice on putting the principle into action, key tips and tricks, and what you might say in your next meeting. This book also outlines how to start with the foundations of 'doing digital' and build from there, including data science, cyber security, workable technology, minimised stack duplication, data registers and good user experience. Quickly build confidence and make change happen with this actionable guide to the essentials of digital transformation.

This book constitutes selected papers from the 18th European, Mediterranean, and Middle Eastern Conference, EMCIS 2021, which took place during December 8-9, 2021. The conference was initially planned to take place in Dubai, UAE, but had to change to an online event due to the COVID-19 pandemic. EMCIS covers technical, organizational, business, and social issues in the application of information technology and is dedicated to the definition and establishment of Information Systems (IS) as a discipline of high impact for IS professionals and practitioners. It focuses on approaches that facilitate the identification of innovative research of significant relevance to the IS discipline following sound research methodologies that lead to results of measurable impact. The 54 full papers presented in this volume were carefully reviewed and selected from a total of 155 submissions. They were organized in topical sections named: Big Data and Analytics;

Blockchain Technology and Applications; Cloud Computing; Digital Governance; Digital Services and Social Media; Emerging Computing Technologies and Trends for Business Process Management; Healthcare Information Systems; Information Systems security and Information Privacy Protection; Innovative Research Projects; IT Governance and Alignment; and Management and Organisational Issues in Information Systems.

Leverage Office 365 to increase your organization's efficiency Key Features Perform common to advanced-level management and administrative tasks for your organization with Office 365 Become an Office 365 generalist who can work with the entire stack—not just specific products An advanced-level guide that will teach you to implement enterprise-level services into your organization, no matter the size of the business Book Description In today's world, every organization aims to migrate to the cloud in order to become more efficient by making full use of the latest technologies. Office 365 is your one-stop solution to making your organization reliable, scalable, and fast. This book will start with an overview of Office 365 components, and help you learn how to use the administration portal, and perform basic administration. It then goes on to cover common management tasks, such as managing users, admin roles, groups, securing Office 365, and enforcing compliance. In the next set of chapters, you will learn about topics including managing Skype for Business Online, Yammer, OneDrive for Business, and Microsoft Teams. In the final section of the book, you will learn how to carry out reporting and monitor Office 365 service health. By the end of this book, you will be able to implement enterprise-level services with Office 365 based on your organization's needs. What you will learn Understand the vast Office 365 feature set Understand how workloads and applications interact and integrate with each other Connect PowerShell to various Office 365 services and perform tasks Manage Skype for Business Online Get support and monitor Office 365 service health Manage and administer identities and groups efficiently Who this book is for This book targets architects, sys admins, engineers, and administrators who are working with Office 365 and are responsible for configuring, implementing, and managing Office 365 in their organization. A prior knowledge of Office 365 and Exchange servers is mandatory.

The growth of Blockchain technology presents a number of legal questions for lawyers, regulators and industry participants alike. Primarily, regulators must allow Blockchain technology to develop whilst also ensuring it is not being abused. This book addresses the challenges posed by various applications of Blockchain technology, such as cryptocurrencies, smart contracts and initial coin offerings, across different fields of law. Contributors explore whether the problems posed by Blockchain and its applications can be addressed within the present legal system or whether significant rethinking is required.

Regulating Big Tech
Australasian Conference on Information Systems 2018
GDPR: WEBSITE WEALTH
The Post-Digital Enterprise
Data Subject Rights Under the GDPR
Architecting Enterprise Blockchain Solutions
Facebook and the (EU) Law

Regulating Big Tech explores cutting-edge policy innovations that tackle the dominance of Google, Apple, Facebook, Amazon, and Microsoft and the interlocking challenges of contemporary tech regulation.

The world is witnessing the growth of a global movement facilitated by technology and social media. Fueled by information, this movement contains enormous potential to create more accountable, efficient, responsive, and effective governments and businesses, as well as spurring economic growth. Big Data Governance and Perspectives in Knowledge Management is a collection of innovative research on the methods and applications of applying robust processes around data, and aligning organizations and skillsets around those processes. Highlighting a range of topics including data analytics, prediction analysis, and software development, this book is ideally designed for academicians, researchers, information science professionals, software developers, computer engineers, graduate-level computer science students, policymakers, and managers seeking current research on the convergence of big data and information governance as two major trends in information management.

The past two decades have seen a radical change in the online landscape with the emergence of GAFAM (Google, Amazon, Facebook, Apple and Microsoft). Facebook, specifically, has acquired a unique monopoly position among social media, and is part of the digital lives of billions of users. A mutual influence between Facebook and the legal framework has gradually emerged, as EU legislators and judges are on the one hand forced to accept the reality of new, widespread behaviors and practices and on the other have constructed a legal framework that imposes limits and rules on the use of the social network.This book offers a unique perspective on this relationship, exploring the various activities and services proposed by Facebook and discussing the attendant legal issues. Accordingly, questions concerning the GDPR, its principles, rights and obligations are in the center of the discussions. However, the book does not limit its scope to data protection: Facebook has also greatly contributed to a liberalization and democratization of speech. In accordance, the classic principles of media law

must be revisited, adapted or suitably enforced on the platform. Intellectual property law governs what is owned and by whom, no matter whether raw data or informational goods are concerned. Frameworks on hate speech and fake news are the result of coregulation principles of governance, whereas defamation jurisprudence continues to evolve, considering the consequences of merely "liking" certain content. The economic model of advertising is also governed by strict rules. Above all, Facebook is currently caught in a dilemma of substantial interest for society as a whole: is it a neutral online intermediary, i.e., merely a passive player on the Internet, or is it transforming against its will into an editorial service? In conclusion, the book has a dual purpose. First, it proposes a global and practical approach to the EU legal framework on Facebook. Second, it explores the current limits and the ongoing transformation of EU Internet law as it steadily adapts to life in the new digital world.

Demystify architecting complex blockchain applications in enterprise environments Architecting Enterprise Blockchain Solutions helps engineers and IT administrators understand how to architect complex blockchain applications in enterprise environments. The book takes a deep dive into the intricacies of supporting and securing blockchain technology, creating and implementing decentralized applications, and incorporating blockchain into an existing enterprise IT infrastructure. Blockchain is a technology that is experiencing massive growth in many facets of business and the enterprise. Most books around blockchain primarily deal with how blockchains are related to cryptocurrency or focus on pure blockchain development. This book teaches what blockchain technology is and offers insights into its current and future uses in high performance networks and complex ecosystems. • Provides a practical, hands-on approach • Demonstrates the power and flexibility of enterprise blockchains such as Hyperledger and R3 Corda • Explores how blockchain can be used to solve complex IT support and infrastructure problems • Offers numerous hands-on examples and diagrams Get ready to learn how to harness the power and flexibility of enterprise blockchains!

Economic Renaissance In the Age of Artificial Intelligence

A Guide to the EU General Data Protection Regulation

How Small Businesses Can Win at the Compliance Game

Going Beyond the Hype

How the Social Network Reshaped the Legal Framework

Big Data Governance and Perspectives in Knowledge Management

The Definitive Guide to Strategic Content Marketing

This handbook offers a comprehensive overview of cloud computing security technology and implementation while exploring practical solutions to a wide range of cloud computing security issues. As more organizations use cloud computing and cloud providers for data operations, the need for proper security in these and other potentially vulnerable areas has become a global priority for organizations of all sizes. Research efforts from academia and industry as conducted and reported by experts in all aspects of security related to cloud computing are gathered within one reference guide. Features • Covers patching and configuration vulnerabilities of a cloud server • Evaluates methods for data encryption and long-term storage in a cloud server • Demonstrates how to verify identity using a certificate chain and how to detect inappropriate changes to data or system configurations John R. Vacca is an information technology consultant and internationally known author of more than 600 articles in the areas of advanced storage, computer security, and aerospace technology. John was also a configuration management specialist, computer specialist, and the computer security official (CSO) for NASA's space station program (Freedom) and the International Space Station Program from 1988 until his 1995 retirement from NASA.

This book constitutes the refereed conference proceedings of the 14th International Workshop on Data Privacy Management, DPM 2019, and the Third International Workshop on Cryptocurrencies and Blockchain Technology, CBT 2019, held in conjunction with the 24th European Symposium on Research in Computer Security, ESORICS 2019, held in Luxembourg in September 2019. For the CBT Workshop 10 full and 8 short papers were accepted out of 39 submissions. The selected papers are organized in the following topical headings: lightning networks and level 2; smart contracts and applications; and payment systems, privacy and mining. The DPM Workshop received 26 submissions from which 8 full and 2 short papers were selected for presentation. The papers focus on privacy preserving data analysis; field/lab studies; and privacy by design and data anonymization. Chapter 2, " Integral Privacy Compliant Statistics Computation," and Chapter 8, " Graph Perturbation as Noise Graph Addition: a New Perspective for Graph Anonymization," of this book are available open access under a CC BY 4.0 license at link.springer.com.

Now in its fourth edition, this bestselling guide is the ideal companion for anyone carrying out a GDPR (General Data Protection Regulation) compliance project. It provides comprehensive guidance and practical advice on complying with the Regulation.

The aim of the book is to create a bridge between two 'lands' that are usually kept separate: technical tools and legal rules should be bound together for moulding a special 'toolbox' to solve present and future issues. The volume is intended to contribute to this 'toolbox' in the area of software services, while addressing how to make legal studies work closely with engineers' and computer scientists' fields of expertise, who are increasingly involved in tangled choices on daily programming and software development. In this respect, law has not lost its importance and its own categories in the digital world, but as well as any social science needs to experience a new realistic approach amid technological development and individuals' fundamental rights and freedoms.

Smart Business: Technology and Data Enabled Innovative Business Models and Practices

Foundations and Challenges

EU General Data Protection Regulation (GDPR)

EU General Data Protection Regulation (GDPR) – An implementation and compliance guide, fourth edition
Paving the Way from Interpretable Fuzzy Systems to Explainable AI Systems
Social, Cultural and Political Perspectives
Privacy Technologies and Policy

This Commentary is the first comprehensive work to analyse the revised EU Shareholder Rights Directive (SRD II). SRD II sets a new agenda for engaged shareholders and sustainable companies in the EU, sparking a wider debate on the adoption of duties in company and capital markets law. By providing a systematic and thorough framework for analysis, this Commentary evaluates the purpose and aims of SRD II and further enriches the debate on the usefulness of the EU's drive to encourage long-term shareholder engagement.

This Dictionary analyses the ways in which the statuses of European citizens are profoundly affected by EU law. The study of one's particular status (as a worker, consumer, family member, citizen, etc.) helps to reconsider the legal notions concerning an individual's status at the EU level. The Dictionary includes a foreword by Evgeni Tanchev, Advocate General at the Court of Justice of the European Union, which illustrates some interesting features of the Court's case law on statuses.The Dictionary's core is composed of 79 chapters, published in alphabetical order. Each brief chapter analyses how the individual status was conditioned or created by contemporary EU law, or how the process of European integration modified the traditional juridical definition of the respective status. The Dictionary provides answers to the following questions: Has the process of European integration modified the traditional juridical definition of individual status? Has the concept of legal status now acquired a new function? What role has EU law played in developing a new modern function for the concept of individual status? Are the selection of a specific individual status by EU law and the proliferation of such statuses, which is synonymous with the creation of new privileges, collectively undermining the goal of achieving substantive equality between EU citizens? Does this constitute a return to the past? Under EU law, is it possible to create a uniform definition of the legal status of the person, over and above the definition that is provided by a given Member State's legal system?

This book addresses big data as a socio-technical construct with huge potential for innovation in key sectors such as healthcare, government and business. Big data and its increasingly widespread use in such influential spheres can generate ethically controversial decisions, including questions surrounding privacy, consent and accountability. This book attempts to unpack the epistemological implications of the term 'big data', as well as the opportunities and responsibilities which come with it. The author analyses the linguistic texture of the big data narrative in the news media, in healthcare and in EU law on data protection, in order to contribute to its understanding from the critical perspective of language studies. The result is a study which will be of interest to students and scholars working in the digital humanities, corpus linguistics, and discourse studies.

An Implementation and Compliance Guide