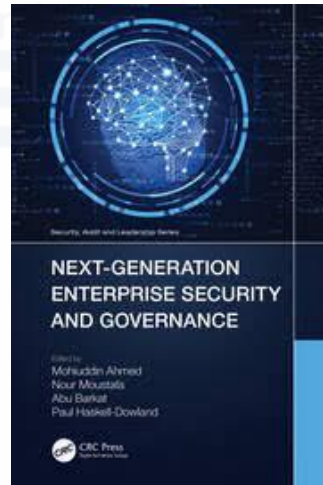


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**Next-generation Enterprise Security and Governance**

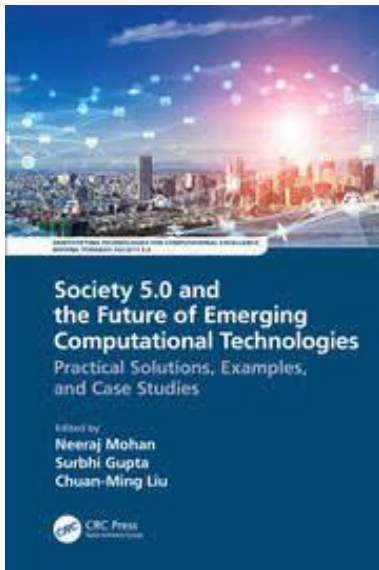
Author : Mohiuddin Ahmed, Nour Moustafa
Abu Barkat
No. Class : 005.8 AHM n
Location : Jakarta, Tangerang, dan Bekasi

Description:

The Internet is making our daily lives as digital as possible, and this new era is called the Internet of Everything (IoE). The key force behind the rapid growth of the Internet is the technological advancement of enterprises. The digital world we live in is facilitated by these enterprises advances and business intelligence. These enterprises need to deal with gazillions of bytes of data, and in today's age of General Data Protection Regulation, enterprises are required to ensure privacy and security of large-scale data collections. However, the increased connectivity and devices used to facilitate IoE are continually creating more room for cybercriminals to find vulnerabilities in enterprise systems and flaws in their corporate governance.

Ensuring cybersecurity and corporate governance for enterprises should not be an afterthought or present a huge challenge. In recent times, the complex diversity of cyber-attacks has been skyrocketing, and zero-day attacks, such as ransomware, botnet, and telecommunication attacks, are happening more frequently than before. New hacking strategies would easily bypass existing enterprise security and governance platforms using advanced, persistent threats. For example, in 2020, the Toll Group firm was exploited by a new crypto-attack family for violating its data privacy, where an advanced ransomware technique was launched to exploit the corporation and request a huge figure of monetary ransom. Even after applying rational governance hygiene, cybersecurity configuration and software updates are often overlooked when they are most needed to fight cybercrime and ensure data privacy. Therefore, the threat landscape in the context of enterprises has become wider and far more challenging. There is a clear need for collaborative work throughout the entire value chain of this network.

In this context, this book addresses the cybersecurity and cooperate governance challenges associated with enterprises, which will provide a bigger picture of the concepts, intelligent techniques, practices, and open research directions in this area. This book serves as a single source of reference for acquiring the knowledge on the technology, process, and people involved in next-generation privacy and security.

**Description:**

This book discusses the technological aspects for the implementation of Society 5.0. The foundation and recent advances of emerging

Society 5.0 and The Future of Emerging Computational Technologies

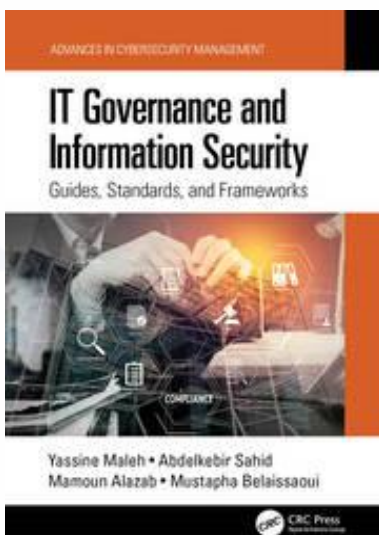
Author : Neeraj Mohan, Surbhi Gupta, Chuan-Ming Liu
No. Class : 004 MOH s
Location : Jakarta, Tangerang, dan Bekasi

technologies such as artificial intelligence, data science, Internet of Things, and Big Data for the realization of Society 5.0 are covered. Practical solutions to existing problems, examples, and case studies are also offered.

Society 5.0 and the Future of Emerging Computational Technologies: Practical Solutions, Examples, and Case Studies discusses technologies such as machine learning, artificial intelligence, and Internet of Things for the implementation of Society 5.0. It offers a firm foundation and understanding of the recent advancements in various domains such as data analytics, neural networks, computer vision, and robotics, along with practical solutions to existing problems in

fields such as healthcare, manufacturing industries, security, and infrastructure management. Applications and implementations are highlighted along with the correlation between technologies. Examples and case studies are presented throughout the book to augment text.

This book can be used by research scholars in the engineering domain who wish to gain knowledge and contribute towards a modern and secure future society. The book will also be useful as a reference at universities for postgraduate students who are interested in technological advancements..

**Description:**

IT governance seems to be one of the best strategies to optimize IT assets in an economic context dominated by information, innovation, and the

IT Governance and Information Security: Guides, Standars, and Frameworks

Author : Yassine Maleh, Abdelkebir Sahid, Mamoun Alazab
No. Class : 005.8 MAL i
Location : Jakarta, Tangerang, dan Bekasi

race for performance. The multiplication of internal and external data and increased digital management, collaboration, and sharing platforms exposes organizations to ever-growing risks. Understanding the threats, assessing the risks, adapting the organization, selecting and implementing the appropriate controls, and implementing a management system are the activities required to establish proactive security governance that will provide management and customers the assurance of an effective mechanism to manage risks.

IT Governance and Information Security:

Guides, Standards, and Frameworks is a fundamental resource to discover IT governance and information security. This book focuses on the guides, standards, and maturity frameworks for adopting an efficient IT governance and information security strategy in the organization. It describes numerous case studies from an international perspective and brings together industry standards and research from scientific databases. In this way, this book clearly illustrates the issues, problems, and trends related to the topic while promoting the international perspectives of readers.



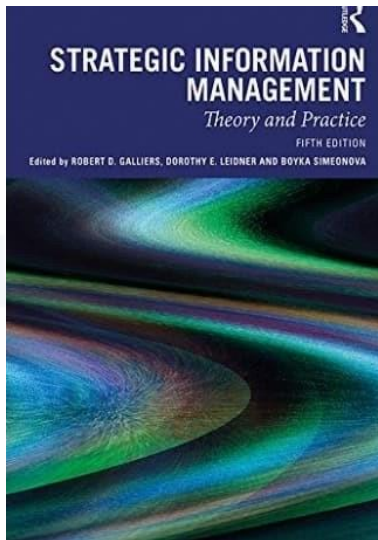
Project Management Maturity Model

Author : J. Kent Crawford
No. Class : 658.404 CRA p
Location : Jakarta, Tangerang, dan Bekasi

Description:

Assisting organizations in improving their project management processes, the Project Management Maturity Model defines the industry standard for measuring project management maturity and agile and adaptive capabilities.

Project Management Maturity Model, Fourth Edition provides a roadmap showing organizations how to move to higher levels of organizational behavior, improving project success and organizational performance. Its a comprehensive tool for enhancing project management practices, covering areas critical to organizational improvement, such as the project management office, management oversight, and professional development. It also provides methods for optimizing project management processes and suggestions for deploying the model as a strategic tool in improving business outcomes. New material in each chapter also outlines good practices for implementing adaptive an agile processes. The book also includes the Project Portfolio Management Maturity Model, which covers best practices for determining portfolio maturity, setting short-term priorities, implementing benefits realization management, improving portfolio management processes and tracking progress.



Strategic Information Management: Theory and Practice

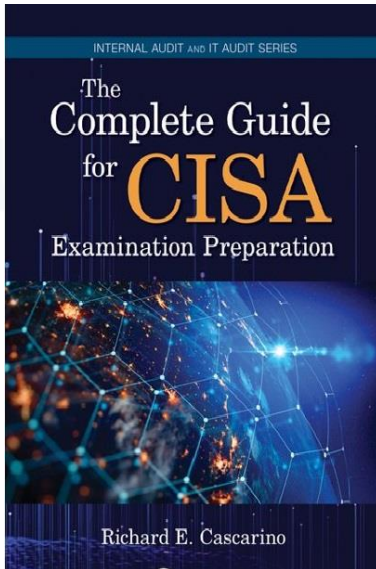
Author : Robert D. Galliers, Dorothy E. Leidner, Boyka Simeonova
No. Class : 658.403 8 GAL s
Location : Jakarta, Tangerang, dan Bekasi

Description :

Today, there are few in senior management positions who can afford to ignore modern information technology, and few individuals who would prefer to be without it. Modern IT is key to organizational performance; yet we often assume the benefits will occur without forethought or effort. As managerial tasks become more complex, so the nature of the required information systems changes-from structured, routine support to ad hoc, unstructured, complex enquiries at the highest levels of management. If taken for granted, serious implications can arise for organizations.

This fifth edition of Strategic Information Management has been brought fully up to date with recent developments in the management of information systems, including digital transformation strategy, the issues surrounding big data and algorithmic decision-making. The book provides a rich source of material reflecting recent thinking on the key issues facing executives, drawing from a wide range of contemporary articles written by leading experts in North America, Europe, and Australia. Combining theory with practice, each section is fully introduced, includes further reading and questions for further discussion.

Designed for MBA, masters level students, and advanced undergraduate students taking courses in information systems management, it also provides a wealth of information and references for researchers.

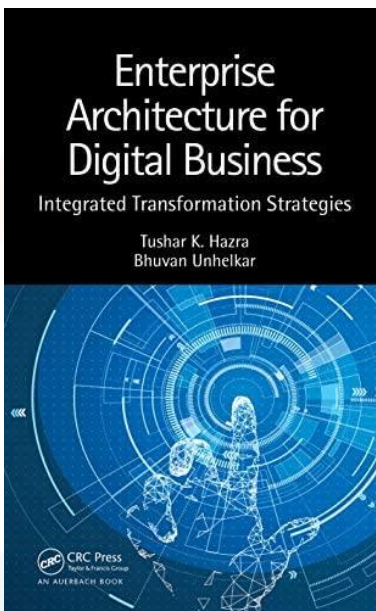


The Complete Guide for CISA Examination Preparation

Author : Richard E. Cascarino
No. Class : 005.36 CAS c
Location : Jakarta, Tangerang, dan Bekasi

Description:

The Complete Guide for CISA Examination Preparation delivers complete coverage of every topic on the latest release of the Certified Information Systems Auditor (CISA) exam. The author is an IT security and auditing expert and the book covers all five exam domains. This effective self-study system features chapter learning objectives, in-depth explanations of each topic, and accurate practice questions. Each chapter includes exam tips that highlight key exam information, hands-on exercises, a summary that serves as a quick review, and end-of-chapter questions that simulate those on the actual exam. Designed to help candidates pass the CISA exam easily, it also serves as an ideal on-the-job reference.

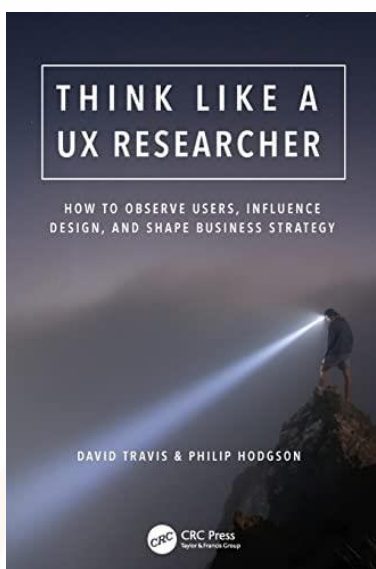


Enterprise Architecture for Digital Business

Author : Tushar K. Hazra, Bhuvan Unhelkar
No. Class : 004.22 HAZ e
Location : Jakarta, Tangerang, dan Bekasi

Description :

Enterprise Architecture (EA) is an essential part of the fabric of a business; however, EA also transcends and transforms technology and moves it into the business space. Therefore, EA needs to be discussed in an integrated, holistic, and comprehensive manner. Only such an integrated approach to EA can provide the foundation for a transformation that readies the business for the myriad enterprise-wide challenges it will face. Highly disruptive technologies such as Big Data, Machine Learning, and Mobile and Cloud Computing require a fine balance between their business and technical aspects as an organization moves forward with its digital transformation. This book focuses on preparing all organizations-large and small-and those wishing to move into them for the impact of leveraging these emerging, disruptive, and innovative technologies within the EA framework.

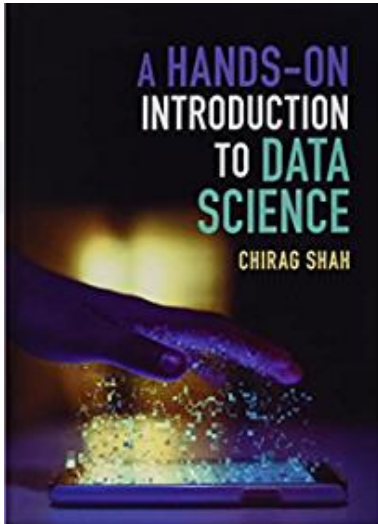


Think Like A UX Researcher

Author : David Travis, Philip Hodgson
No. Class : 005.437 TRA t
Location : Jakarta, Tangerang, dan Bekasi

Description :

Think Like a UX Researcher will challenge your preconceptions about user experience (UX) research and encourage you to think beyond the obvious. You will discover how to plan and conduct UX research, analyze data, persuade teams to take action on the results and build a career in UX. The book will help you take a more strategic view of product design so you can focus on optimizing the users experience. UX Researchers, Designers, Project Managers, Scrum Masters, Business Analysts and Marketing Managers will find tools, inspiration and ideas to rejuvenate their thinking, inspire their team and improve their craft..



[A Hands-on Introduction to Data Science](#)

Author : Chirag Shah
No. Class : 004 SHA h
Location : Jakarta, Tangerang, dan Bekasi

Description:

This book introduces the field of data science in a practical and accessible manner, using a hands-on approach that assumes no prior knowledge of the subject. The foundational ideas and techniques of data science are provided independently from technology, allowing students to easily develop a firm understanding of the subject without a strong technical background, as well as being presented with material that will have continual relevance even after tools and technologies change. Using popular data science tools such as Python and R, the book offers many examples of real-life applications, with practice ranging from small to big data. A suite of online material for both instructors and students provides a strong supplement to the book, including datasets, chapter slides, solutions, sample exams and curriculum suggestions. This entry-level textbook is ideally suited to readers from a range of disciplines wishing to build a practical, working knowledge of data science.



[Deep Data Analytics for New Product Development](#)

Author : Walter R. Paczkowski
No. Class : 001.422 5 PAC d
Location : Jakarta, Tangerang, dan Bekasi

Description:

Deep Data Analytics for New Product Development has a simple theme: information about what customers need and want must be extracted from data to effectively guide new product decisions regarding concept development, design, pricing, and marketing. The benefits of reading this book are twofold. The first is an understanding of the stages of a new product development process from ideation through launching and tracking, each supported by information about customers. The second benefit is an understanding of the deep data analytics for extracting that information from data. These analytics, drawn from the statistics, econometrics, market research, and machine learning spaces, are developed in detail and illustrated at each stage of the process with simulated data. The stages of new product development and the supporting deep data analytics at each stage are not presented in isolation of each other, but are presented as a synergistic whole.