

Ethical Data And Information Management Concepts Tools And Methods

Reference for clinicians and healthcare information management professionals, addressing the multifaceted ethical challenges of working with sensitive health information in an ethical way. Features Web site addresses for additional resources, real-life scenarios, and a consistent structure that reinforces the material.

'Strategic Information Management' has been completely up-dated to reflect the rapid changes in IT and the business environment since the publication of the second edition. Half of the readings in the book have been replaced to address current issues and the latest thinking in Information Management. It goes without saying that Information technology has had a major impact on individuals, organizations and society over the past 50 years or so. There are few organizations that can afford to ignore IT and few individuals who would prefer to be without it. As managerial tasks become more complex, so the nature of the required information systems (IS) changes - from structured, routine support to ad hoc, unstructured, complex enquiries at the highest levels of management. As with the first and second editions, this third edition of 'Strategic Information Management: Challenges and strategies in managing information systems' aims to present the many complex and inter-related issues associated with the management of information systems. The book provides a rich source of material reflecting recent thinking on the key issues facing executives in information systems management. It draws from a wide range of contemporary articles written by leading experts from North America and Europe. 'Strategic Information Management' is designed as a course text for MBA, Master's level students and senior undergraduate students taking courses in information management. It provides a wealth of information and references for researchers in addition.

The exponential digitization of medical data has led to a transformation of the practice of medicine. This change notably raises a new complexity of issues surrounding health IT. The proper use of these communication tools, such as telemedicine, e-health, m-health the big medical data, should improve the quality of monitoring and care of patients for an information system to "human face". Faced with these challenges, the author analyses in an ethical angle the patient-physician relationship, sharing, transmission and storage of medical information, setting pins to an ethic for the digitization of medical information. Drawing on good practice recommendations closely associated with values, this model is developing tools for reflection and present the keys to understanding the decision-making issues that reflect both the technological constraints and the complex nature of human reality in medicine .

With its authority, comprehensive approach, and lucid explanations, this work is an ideal resource for teaching cyber law, communications, media, law and technology, privacy law, and information law courses and seminars. Succinct and readable, it can also supplement any course where information privacy issues are considered.

Understanding, appreciating and taking corrective steps to maintain and enhance social and ethical responsibility in the information age is important not only because of our increased dependence on information and communication technologies, but also because information and communication technologies pose complex challenges. Ethical Issues of Information Systems strives to address these pertinent issues. This scholarly and academic book provides insight on many topics of debate and discussion in the field and lends the most recent research in the field of IT ethics and social responsibility. "This book provides an overview of data mining techniques under an ethical lens, investigating developments in research best practices and examining experimental cases to identify potential ethical dilemmas in the information and communications technology sector"--Provided by publisher.

The Internet and mobile commerce bring with them ubiquitous connectivity, real-time access, and overwhelming volumes of data and information. The growth of data warehouses and communication and information technologies has increased the need for high information quality management in organizations. Information Quality Management: Theory and Applications provides solutions to information quality problems that are becoming increasingly prevalent. Information Quality Management: Theory and Applications provides insight and support for professionals and researchers working in the field of information and knowledge management, information quality, practitioners and managers of manufacturing, and service industries concerned with the management of information.

Presents theories and models associated with information privacy and safeguard practices to help anchor and guide the development of technologies, standards, and best practices. Provides recent, comprehensive coverage of all issues related to information security and ethics, as well as the opportunities, future challenges, and emerging trends related to this subject.

Explore the theory and practical applications of artificial intelligence (AI) and machine learning in healthcare. This book offers a guided tour of machine learning algorithms, architecture design, and applications of learning in healthcare and big data challenges. You'll discover the ethical implications of healthcare data analytics and the future of AI in population and patient health optimization. You'll also create a machine learning model, evaluate performance and operationalize its outcomes within your organization. Machine Learning and AI for Healthcare provides techniques on how to apply machine learning within your organization and evaluate the efficacy, suitability, and efficiency of AI applications. These are illustrated through leading case studies, including how chronic disease is being redefined through patient-led data learning and the Internet of Things. What You'll Learn Gain a deeper understanding of key machine learning algorithms and their use and implementation within wider healthcare Implement machine learning systems, such as speech recognition and enhanced deep learning/AI Select learning methods/algorithms and tuning for use in healthcare Recognize and prepare for the future of artificial intelligence in healthcare through best practices, feedback loops and intelligent agents Who This Book Is For Health care professionals interested in how machine learning can be used to develop health intelligence – with the aim of improving patient health, population health and facilitating significant care-payer cost savings.

Today's health information professionals are working within an ever-changing environment of technology and regulatory guidelines. This dynamic workplace requires fundamental skills to appropriately manage and react to ethical dilemmas. Ethics Case Studies for Health Information Management provides real-world examples to prepare you for the inevitable challenges of the modern office and offers a methodology to interpret the various situations and determine courses of action. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Data-intensive systems are software applications that process and generate Big Data. Data-intensive systems support the use of large amounts of data strategically and efficiently to provide intelligence. For example, examining industrial sensor data or business process data can enhance production, guide proactive improvements of development processes, or optimize supply chain systems. Designing data-intensive software systems is difficult because distribution of knowledge across stakeholders creates a symmetry of ignorance, because a shared vision of the future requires the development of new knowledge that extends and synthesizes existing knowledge. Knowledge Management in the Development of Data-Intensive Systems addresses new challenges arising from knowledge management in the development of data-intensive software systems. These challenges concern requirements, architectural design, detailed design,

implementation and maintenance. The book covers the current state and future directions of knowledge management in development of data-intensive software systems. The book features both academic and industrial contributions which discuss the role software engineering can play for addressing challenges that confront developing, maintaining and evolving systems; data-intensive software systems of cloud and mobile services; and the scalability requirements they imply. The book features software engineering approaches that can efficiently deal with data-intensive systems as well as applications and use cases benefiting from data-intensive systems. Providing a comprehensive reference on the notion of data-intensive systems from a technical and non-technical perspective, the book focuses uniquely on software engineering and knowledge management in the design and maintenance of data-intensive systems. The book covers constructing, deploying, and maintaining high quality software products and software engineering in and for dynamic and flexible environments. This book provides a holistic guide for those who need to understand the impact of variability on all aspects of the software life cycle. It leverages practical experience and evidence to look ahead at the challenges faced by organizations in a fast-moving world with increasingly fast-changing customer requirements and expectations.

Managers of health information have a professional stake in understanding the legal requirements designed to safeguard health care information. This comprehensive book covers all legal aspects of the Health Information Management field including the legal principles that govern patient information. Actual cases related to health care underscore the relationship between the law and health information. The first chapters introduce the American legal system, legal procedures and principles of liability. Subsequent chapters build on this information by presenting information on patient record requirements, access to health information, confidentiality, computerized records, and other areas.

This workbook/textbook package accompanies the main text Health Information: Management of a Strategic Resource (ISBN 0-7216-5132-1).

This Handbook provides critical, interdisciplinary contributions from leading international academics on the theory and methodology, practical applications, and broader context of Management Information Systems, as well as offering potential avenues for future research

A vital component of any publishing project is the ethical dimensions, which can refer to varied categories of practice: from conducting a proper peer review to using proper citation in research. With the implementation of technology in research and publishing, it is important for today's researchers to address the standards of scientific research and publishing practices to avoid unethical behavior. Scholarly Ethics and Publishing: Breakthroughs in Research and Practice is an essential reference source that discusses various aspects of ethical values in academic settings including methods and tools to prevent and detect plagiarism, strategies for the principled gathering of data, and best practices for conducting and citing research. It also assists researchers in navigating the field of scholarly publishing through a careful analysis of multidisciplinary research topics and recent trends in the industry. Highlighting a range of pertinent topics such as academic writing, publication process, and research methodologies, this publication is an ideal reference source for researchers, graduate students, academicians, librarians, scholars, and industry-leading experts around the globe.

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.

This up-to-date reference provides in-depth coverage of current issues in records and information management(RIM)—topics that are of interest and concern to professionals in the field. Its focus on the twenty-first century considers past, current, and future records and information trends substantiating the need for assurance that information will be found or available at the right place and/or time. Some of the many topics addressed include concern for ethical and legal practices, technology, storage, retrieval, and disaster recovery. For records managers, records and information managers, and information managers; as well as those seeking certification.

Our world is becoming ever more data-driven, transforming how business is conducted, governance enacted, and knowledge produced. Yet, the nature of data and the scope and implications of the changes taking place are not always clear. The Data Revolution is a must read for anyone interested in why data have become so important in the contemporary era. Thoroughly updated, including ten new chapters, the book provides an accessible and comprehensive: introduction to thinking conceptually about the nature of data and the field of critical data studies overview of big data, open data and data infrastructures analysis of the utility and value of big and open data for research, business, government and civil society assessment of the concerns and risks in a data-driven world and how to prevent and mitigate them. An essential handbook for information professionals who manage records, archives, data, and other content, this book is also an ideal teaching text for students of information ethics.

This timely edited collection examines the evolving role of health professionals and explores the role they play in the context of where they work. It aims to encourage and inspire health information professionals worldwide to take on new opportunities and ensure their continued development and recognition as valuable assets in the changing health care environment. Library and information professionals working in the health sector face many challenges. Rapid developments in information technology and the provision of information, coupled with organizational developments and the widespread adoption of evidence-based practice have ensured constant change for a number of years. How have library and information professionals met this challenge and how has this affected the roles they play? Will developments in services render the hospital librarian obsolete? Is there a need for academic health librarians amongst the Google generation of students? The key topics covered in the book are: • providing information • facilitating access to information and managing knowledge • building capacity • undertaking research and evaluation • supporting research and practice • exploiting technology • evidence-based practice. Readership: Information workers and other health professionals, as well as students on librarianship and information studies courses.

This book provides ways of thinking about information and the new responsibilities engendered by its acquisition, processing, storing, dissemination and use. It offers a set of concepts, methods, arguments and illustrations designed to sharpen the reader's ethical focus. Organized into three sections, the first provides a conceptual background for the book as a whole. The second part focuses on fundamental concepts about ethics and includes descriptions of the process of ethical thinking and a range of theories and principles that can be used in ethical situations. In the final part, the concepts of information and the need for ethics and ethical thinking are applied to the various levels of the social system to which they

Over the course of a generation, algorithms have gone from mathematical abstractions to powerful mediators of daily life. Algorithms have made our lives more efficient, more entertaining, and, sometimes, better informed. At the same time, complex algorithms are increasingly violating the basic rights of individual citizens. Allegedly anonymized datasets routinely leak our most sensitive personal information; statistical models for everything from mortgages to college admissions reflect racial and gender bias. Meanwhile, users manipulate algorithms to "game" search engines, spam filters, online reviewing services, and navigation apps. Understanding and improving the science behind the algorithms that run our lives is rapidly becoming one of the most pressing issues of this century. Traditional fixes, such as laws, regulations and watchdog groups, have proven woefully inadequate. Reporting from the cutting edge of scientific research, *The Ethical Algorithm* offers a new approach: a set of principled solutions based on the emerging and exciting science of socially aware algorithm design. Michael Kearns and Aaron Roth explain how we can better embed human principles into machine code - without halting the advance of data-driven scientific exploration. Weaving together innovative research with stories of citizens, scientists, and activists on the front lines, *The Ethical Algorithm* offers a compelling vision for a future, one in which we can better protect humans from the unintended impacts of algorithms while continuing to inspire wondrous advances in technology.

An Executive Guide to Data Management

As the impact of data science continues to grow on society there is an increased need to discuss how data is appropriately used and how to address misuse. Yet, ethical principles for working with data have been available for decades. The real issue today is how to put those principles into action. With this report, authors Mike Loukides, Hilary Mason, and DJ Patil examine practical ways for making ethical data standards part of your work every day. To help you consider all of possible ramifications of your work on data projects, this report includes: A sample checklist that you can adapt for your own procedures Five framing guidelines (the Five C's) for building data products: consent, clarity, consistency, control, and consequences Suggestions for building ethics into your data-driven culture Now is the time to invest in a deliberate practice of data ethics, for better products, better teams, and better outcomes. Get a copy of this report and learn what it takes to do good data science today.

Provides a greater understanding of issues, challenges, trends, and technologies effecting the overall utilization and management of information in modern organizations around the world.

"This book studies the management of Big Data in Health information specifically for the new concept "One Health" and "Digital Health", concerning ailments that plague neglected populations and provides practical approaches by scientists and practitioners in the field that will assist in managing the knowledge of Big Data in information Health, to strengthen the skills and training of decision-making managers with tactical and strategic analysis, planning and decision making. This book project aims to"--

Executing Data Quality Projects, Second Edition presents a structured yet flexible approach for creating, improving, sustaining and managing the quality of data and information within any organization. Studies show that data quality problems are costing businesses billions of dollars each year, with poor data linked to waste and inefficiency, damaged credibility among customers and suppliers, and an organizational inability to make sound decisions. Help is here! This book describes a proven Ten Step approach that combines a conceptual framework for understanding information quality with techniques, tools, and instructions for practically putting the approach to work – with the end result of high-quality trusted data and information, so critical to today's data-dependent organizations. The Ten Steps approach applies to all types of data and all types of organizations – for-profit in any industry, non-profit, government, education, healthcare, science, research, and medicine. This book includes numerous templates, detailed examples, and practical advice for executing every step. At the same time, readers are advised on how to select relevant steps and apply them in different ways to best address the many situations they will face. The layout allows for quick reference with an easy-to-use format highlighting key concepts and definitions, important checkpoints, communication activities, best practices, and warnings. The experience of actual clients and users of the Ten Steps provide real examples of outputs for the steps plus highlighted, sidebar case studies called Ten Steps in Action. This book uses projects as the vehicle for data quality work and the word broadly to include: 1) focused data quality improvement projects, such as improving data used in supply chain management, 2) data quality activities in other projects such as building new applications and migrating data from legacy systems, integrating data because of mergers and acquisitions, or untangling data due to organizational breakups, and 3) ad hoc use of data quality steps, techniques, or activities in the course of daily work. The Ten Steps approach can also be used to enrich an organization's standard SDLC (whether sequential or Agile) and it complements general improvement methodologies such as six sigma or lean. No two data quality projects are the same but the flexible nature of the Ten Steps means the methodology can be applied to all. The new Second Edition highlights topics such as artificial intelligence and machine learning, Internet of Things, security and privacy, analytics, legal and regulatory requirements, data science, big data, data lakes, and cloud computing, among others, to show their dependence on data and information and why data quality is more relevant and critical now than ever before. Includes concrete instructions, numerous templates, and practical advice for executing every step of The Ten Steps approach Contains real examples from around the world, gleaned from the author's consulting practice and from those who implemented based on her training courses and the earlier edition of the book Allows for quick reference with an easy-to-use format highlighting key concepts and definitions, important checkpoints, communication activities, and best practices A companion Web site includes links to numerous data quality resources, including many of the templates featured in the text, quick summaries of key ideas from the Ten Steps methodology, and other tools and information that are available online

Managing data continues to grow as a necessity for modern organizations. There are seemingly infinite opportunities for organic growth, reduction of costs, and creation of new products and services. It has become apparent that none of these opportunities can happen smoothly without data governance. The cost of exponential data growth and privacy / security concerns are becoming burdensome. Organizations will encounter unexpected consequences in new sources of risk. The solution to these challenges is also data governance; ensuring balance between risk and opportunity. *Data Governance, Second Edition*, is for any executive, manager or data professional who needs to understand or implement a data governance program. It is required to ensure consistent, accurate and reliable data across their organization. This book offers an overview of why data governance is needed, how to design, initiate, and execute a program and how to keep the program sustainable. This valuable resource provides comprehensive guidance to beginning professionals, managers or analysts looking to improve their processes, and advanced students in Data Management and related courses. With the provided framework and case studies all professionals in the data governance field will gain key insights into launching successful and money-saving data governance program. Incorporates industry changes, lessons learned and new approaches Explores various ways in which data analysts and managers can ensure consistent, accurate and reliable data across their organizations Includes new case studies which detail real-world situations Explores all of the capabilities an organization must adopt to become data driven Provides guidance on various approaches to data governance, to determine whether an organization should be low profile, central controlled, agile, or traditional

Provides guidance on using technology and separating vendor hype from sincere delivery of necessary capabilities Offers readers insights into how their organizations can improve the value of their data, through data quality, data strategy and data literacy Provides up to 75% brand-new content compared to the first edition

Understanding the complex legal and ethical principles that govern health information management is more important than ever. To help you successfully navigate these legal issues, **LEGAL AND ETHICAL ASPECTS OF HEALTH INFORMATION MANAGEMENT** is revised, updated, and expanded, providing the opportunity to focus on law and ethics as they relate to HIM. Key topics include the role of social media in health care, expansion of existing materials on e-discovery, compliance, completeness of the health record, breaches of confidentiality, and much more. Features include enrichment activities, mapping to CAHIIM standards, and interactive quizzing and case studies to help develop practical application and high-level problem solving skills. Written by a seasoned HIM professional and lawyer, **LEGAL AND ETHICAL ASPECTS OF HEALTH INFORMATION MANAGEMENT**, 4th Edition provides a complete solution for understanding the legal and ethical concerns that safeguard health care information today. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Sharing research data on public health issues can promote expanded scientific inquiry and has the potential to advance improvements in public health. Although sharing data is the norm in some research fields, sharing of data in public health is not as firmly established. In March 2015, the National Research Council organized an international conference in Stellenbosch, South Africa, to explore the benefits of and barriers to sharing research data within the African context. The workshop brought together public health researchers and epidemiologists primarily from the African continent, along with selected international experts, to talk about the benefits and challenges of sharing data to improve public health, and to discuss potential actions to guide future work related to public health research data sharing. **Sharing Research Data to Improve Public Health in Africa** summarizes the presentations and discussions from this workshop.

With a strong focus on the key areas included on the NCLEX-RN Exam's "management of care" section, **Nursing Delegation and Management of Patient Care**, 2nd Edition prepares you to successfully prioritize, assign, and delegate nursing care to other members of the health care team. It provides the latest information on the roles and responsibilities of the staff nurse related to the management of patient care, the core competencies required of the nurse caring for patients, as well as a wide range of leadership and management concepts nurses need to confidently manage patients within a hospital unit. This new edition is organized according to the new 2014 Magnet Standards of Practice to help you learn the skills and competencies magnet status hospitals require when hiring nurses. Learning objectives, key terms, critical thinking case scenarios, and application exercises in each chapter provide you with plenty of opportunities for review. A trusted author team with years of teaching experience in nursing leadership and management introduce current content related to the management of patient care in today's health care setting. **NEW!** A new table of contents reorganized according to the 2014 Magnet Standards. **NEW!** Addresses the competencies of the nurse's role with respect to the 2014 Magnet Standards. Coverage includes the latest information on the roles and responsibilities of the manager of patient care position, core competencies required of nurses caring for patients, and a wide range of management concepts new nurses need to know before entering practice. Emphasis on the NCLEX Exam "management of care" areas that you will be tested on, such as prioritization, delegation, and assignment. Clinical Corner and Evidence-Based Practice boxes within most chapters include real-world tips and advice on patient and client management, plus the latest research on practices relevant to chapter topics. **NEW!** End-of-chapter and Evolve NCLEX questions include analysis and application-level questions. **NEW!** The latest RN design gives this edition a fresh new feel that is easier to follow.

As technology, legislation and industry practices continue to rapidly evolve, the health information management profession has become increasingly dynamic, complex and essential. **McWay's TODAY'S HEALTH INFORMATION MANAGEMENT: AN INTEGRATED APPROACH**, 3rd Edition, helps you master the fundamental principles and cutting-edge practices required for success in this high-demand field. Reflecting the latest trends and best practices, the third edition includes new coverage of HIM careers, informatics, data privacy, the digital divide and digital literacy, data sets, information systems, CRISPR, assistive technology, the role of de-identified data and much more. It's an ideal resource for aspiring technicians and managers as well as HIM professionals working toward a degree or certification. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. Data management technology is rapidly progressing, and with it comes the need for stricter rules that ensure the information being collected is handled appropriately. **Ensuring Research Integrity and the Ethical Management of Data** is an essential resource that examines the best approaches for providing quality research, as well as how to effectively manage that information in a reputable way. Featuring extensive research on relevant topics such as qualitative data collection, data sharing, data misinterpretation, and intellectual property, this scholarly publication is an ideal reference source for academicians, students, and researchers interested in current trends and techniques in ethical research and data management.

The 4th edition of this book has been updated to meet the new requirements of the students, professors, and practitioners. This is an enhanced version of the earlier editions. To update and enhance the coverage of the book, many chapters have been restructured, and some new content/chapters have also been added. In addition, to have better engagement and learning outcomes for the reader, certain new pedagogical features have also been added. **NEW IN THIS EDITION** • A new chapter on 'Ethical and Social Issues' • Applications using MS-Access in the upgraded Chapter 5 – Data Resource Management • Concepts on organisations in Chapter 2 – Information, Systems and Organisation Concepts • Concepts of e-Governance in chapter 7 – e-Commerce, e-Business and e-Governance • Some latest trends and concepts in Chapter 4 – IT Infrastructure • Concepts on Project Management in chapter 12 – IS development and Project Management **KEY FEATURES** • Some new cases have been added, and various case studies from the earlier edition have been updated • New pedagogical elements, such as Objective-type Questions, True/False Questions, Review Questions and Assignments have been added in chapters • Glossary has also been incorporated to get a quick understanding of the terms used in the book • Instructor support has been added on the web through Online Resources Information and how we manage, process and govern it is becoming increasingly important as organizations ride the wave of the big data revolution. **Ethical Data and Information Management** offers a practical guide for people in organizations who are tasked with implementing information management projects. It sets out, in a clear and structured way, the fundamentals of ethics, and provides practical and pragmatic methods for organizations to embed ethical principles and practices into their management and governance of information. Written by global experts in the field, **Ethical Data and Information Management** is an important book addressing a topic high on the information management agenda. Key coverage includes how to build ethical checks and balances into data governance decision making; using quality management methods to assess and evaluate the ethical nature of processing during design; change methods to communicate ethical values; how to avoid common problems that affect ethical

action; and how to make the business case for ethical behaviours.

The essential guide for data scientists and for leaders who must get more from their data science teams The Economist boldly claims that data are now "the world's most valuable resource." But, as Kenett and Redman so richly describe, unlocking that value requires far more than technical excellence. The Real Work of Data Science explores understanding the problems, dealing with quality issues, building trust with decision makers, putting data science teams in the right organizational spots, and helping companies become data-driven. This is the work that spells the difference between a good data scientist and a great one, between a team that makes marginal contributions and one that drives the business, between a company that gains some value from its data and one in which data truly is "the most valuable resource." "These two authors are world-class experts on analytics, data management, and data quality; they've forgotten more about these topics than most of us will ever know. Their book is pragmatic, understandable, and focused on what really counts. If you want to do data science in any capacity, you need to read it." —Thomas H. Davenport, Distinguished Professor, Babson College and Fellow, MIT Initiative on the Digital Economy "I like your book. The chapters address problems that have faced statisticians for generations, updated to reflect today's issues, such as computational Big Data." —Sir David Cox, Warden of Nuffield College and Professor of Statistics, Oxford University "Data science is critical for competitiveness, for good government, for correct decisions. But what is data science? Kenett and Redman give, by far, the best introduction to the subject I have seen anywhere. They address the critical questions of formulating the right problem, collecting the right data, doing the right analyses, making the right decisions, and measuring the actual impact of the decisions. This book should become required reading in statistics and computer science departments, business schools, analytics institutes and, most importantly, by all business managers." —A. Blanton Godfrey, Joseph D. Moore Distinguished University Professor, Wilson College of Textiles, North Carolina State University

Information management is a rapidly expanding area in all businesses and it is not the preserve of IT specialists; it is about what a business does and how it uses the information available to it to compete in fiercely competitive environments. This title has been written for managers and aspiring managers who will be expected to manage information in such a way.

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, master's level students, and advanced undergraduate students taking courses in information systems management, it also provides a wealth of information and references for researchers.

The scope and reach of information, driven by the explosive growth of information technologies and content types, has expanded dramatically over the past 30 years. The consequences of these changes to records and information management (RIM) professionals are profound, necessitating not only specialized knowledge but added responsibilities. RIM professionals require a professional ethics to guide them in their daily practice and to form a basis for developing and implementing organizational policies, and Mooradian's new book provides a rigorous outline of such an ethics. Taking an authoritative principles/rules based approach to the subject, this book comprehensively addresses the structure of ethics, outlining principles, moral rules, judgements, and exceptions; ethical reasoning, from meaning and logic to dilemmas and decision methods; the ethical core of RIM, discussing key topics such as organizational context, the positive value of accountability, conflicts of interest, and confidentiality; important ethical concerns like copyright and intellectual property, whistleblowing, information leaks, disclosure, and privacy; and the relationship between RIM ethics and information governance. An essential handbook for information professionals who manage records, archives, data, and other content, this book is also an ideal teaching text for students of information ethics.

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