

Non Invasive Data Governance: The Path Of Least Resistance And Greatest Success

A practical guide for today's chief data officers to define and manage data governance programs The relatively new role of chief data officer (CDO) has been created to address the issue of managing a company's data as a strategic asset, but the problem is that there is no universally accepted "playbook" for this role. Magnifying the challenge is the rapidly increasing volume and complexity of data, as well as regulatory compliance as it relates to data. In this book, Sunil Soares provides a practical guide for today's chief data officers to manage data as an asset while delivering the trusted data required to power business initiatives, from the tactical to the transformative. The guide describes the relationship between the CDO and the data governance team, whose task is the formulation of policy to optimize, secure, and leverage information as an enterprise asset by aligning the objectives of multiple functions. Soares provides unique insight into the role of the CDO and presents a blueprint for implementing data governance successfully within the context of the position. With practical advice CDOs need, this book helps establish new data governance practices or mature existing practices.

What is Information Governance? Information governance is using the business strategy to apply objectivity, economies, and efficiencies of scale to the processes necessary for the management of information in the achievement of business success. The point of Information or Data Governance is to create TRUSTED data for the business. But how is that actually done? This book is for the individual who is looking for a starting place for establishing a path to better information for their business through a data governance program. The book focuses on describing deliverables and techniques necessary to quantify and measure the Trust of information, including creating dashboards to monitor the success of the Information Management and Governance (IMG) Program as well as an overall Trust Dashboard for the enterprise. If you are trying to answer any of the following questions, then this book can help you out: How do we decrease the number of data silos? How much management and governance is needed for the data? Who owns the data? How do we get the business to trust the data? What measurements can I use to prove the data is good? What do I show executives to illustrate the progress of a data governance program? How can trust of business data be quantified? How is the relevance of data to the business determined? What is the appropriate level of management and governance necessary for the data? This book will help you answer these questions and start improving (and measuring the improvement) of data for your business. The book includes chapters that give a high level overview of data governance but focuses most of the attention on the deliverables and methods necessary to quantify and measure the Trust of data, thereby establishing clear measurements for success.

Data-governance programs focus on authority and accountability for the management of data as a valued organizational asset. Data Governance should not be about command-and-control, yet at times could become invasive or threatening to the work, people and culture of an organization. Non-Invasive Data Governance(TM) focuses on formalizing existing accountability for the management of data and improving formal communications, protection, and quality efforts through effective stewarding of data resources. Non-Invasive Data Governance will provide you with a complete set of tools to help you deliver a successful data governance program. Learn how: Steward responsibilities can be identified and recognized, formalized, and engaged according to their existing responsibility rather than being assigned or handed to people as more work. Governance of information can be applied to existing policies, standard operating procedures, practices, and methodologies, rather than being introduced or emphasized as new processes or methods. Governance of information can support all data integration, risk management, business intelligence and master data management activities rather than imposing inconsistent rigor to these initiatives. A practical and non-threatening approach can be applied to governing information and promoting stewardship of data as a cross-organization asset. Best practices and key concepts of this non-threatening approach can be communicated effectively to leverage strengths and address opportunities to improve.

The Practitioner's Guide to Data Quality Improvement offers a comprehensive look at data quality for business and IT, encompassing people, process, and technology. It shares the fundamentals for understanding the impacts of poor data quality, and guides practitioners and managers alike in socializing, gaining sponsorship for, planning, and establishing a data quality program. It demonstrates how to institute and run a data quality program, from first thoughts and justifications to maintenance and ongoing metrics. It includes an in-depth look at the use of data quality tools, including business case templates, and tools for analysis, reporting, and strategic planning. This book is recommended for data management practitioners, including database analysts, information analysts, data administrators, data architects, enterprise architects, data warehouse engineers, and systems analysts, and their managers. Offers a comprehensive look at data quality for business and IT, encompassing people, process, and technology. Shows how to institute and run a data quality program, from first thoughts and justifications to maintenance and ongoing metrics. Includes an in-depth look at the use of data quality tools, including business case templates, and tools for analysis, reporting, and strategic planning.

Governance of Data

Fundamentals of Clinical Data Science

The Practitioner's Guide to Data Quality Improvement

Get Governed

Emergency Airway Management

Data Management at Scale

As data management and integration continue to evolve rapidly, storing all your data in one place, such as a data warehouse, is no longer scalable. In the very near future, data will need to be distributed and available for several technological solutions. With this practical book, you'll learn how to migrate your enterprise from a complex and tightly coupled data landscape to a more flexible architecture ready for the modern world of data consumption. Executives, data architects, analytics teams, and compliance and governance staff will learn how to build a modern scalable data landscape using the Scaled Architecture, which you can introduce incrementally without a large upfront investment. Author Piethein Strengholt provides blueprints, principles, observations, best practices, and patterns to get you up to speed. Examine data management trends, including technological developments, regulatory requirements, and privacy concerns Go deep into the Scaled Architecture and learn how the pieces fit together Explore data governance and data security, master data management, self-service data marketplaces, and the importance of metadata

With the immense amount of data that is now available online, security concerns have been an issue from the start, and have grown as new technologies are increasingly integrated in data collection, storage, and transmission. Online cyber threats, cyber terrorism, hacking, and other cybercrimes have begun to take advantage of this information that can be easily accessed if not properly handled. New privacy and security measures have been developed to address this cause for concern and have become an essential area of research within the past few years and into the foreseeable future. The ways in which data is secured and privatized should be discussed in terms of the technologies being used, the methods and models for security that have been developed, and the ways in which risks can be detected, analyzed, and mitigated. The Research Anthology on Privatizing and Securing Data reveals the latest tools and technologies for privatizing and securing data across different technologies and industries. It takes a deeper dive into both risk detection and mitigation, including an analysis of cybercrimes and cyber threats, along with a sharper focus on the technologies and methods being actively implemented and utilized to secure data online. Highlighted topics include information governance and privacy, cybersecurity, data protection, challenges in big data, security threats, and more. This book is essential for data analysts, cybersecurity professionals, data scientists, security analysts, IT specialists, practitioners, researchers, academicians, and students interested in the latest trends and technologies for privatizing and securing data.

This book includes original unpublished contributions presented at the International Conference on Data Analytics and Management (ICDAM 2020), held at Jan Wzykowski University, Poland, during June 2020. The book covers the topics in data analytics, data management, big data, computational intelligence, and communication networks. The book presents innovative work by leading academics, researchers, and experts from industry which is useful for young researchers and students.

Data-governance programs focus on authority and accountability for the management of data as a valued organizational asset. Data Governance should not be about command-and-control, yet at times could become invasive or threatening to the work, people and culture of an organization. Non-Invasive Data Governance™ focuses on formalizing existing accountability for the management of data and improving formal communications, protection, and quality efforts through effective stewarding of data resources. Non-Invasive Data Governance will provide you with a complete set of tools to help you deliver a successful data governance program. Learn how: • Steward responsibilities can be identified and recognized, formalized, and engaged according to their existing responsibility rather than being assigned or handed to people as more work. • Governance of information can be applied to existing policies, standard operating procedures, practices, and methodologies, rather than being introduced or emphasized as new processes or methods. • Governance of information can support all data integration, risk management, business intelligence and master data management activities rather than imposing inconsistent rigor to these initiatives. • A practical and non-threatening approach can be applied to governing information and promoting stewardship of data as a cross-organization asset. • Best practices and key concepts of this non-threatening approach can be communicated effectively to leverage strengths and address opportunities to improve.

Disrupting Data Governance

Research Anthology on Privatizing and Securing Data

An Executive Guide to Data Management

Standard Methods for Sampling North American Freshwater Fishes

The Data Governance Imperative

Getting in Front on Data

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 Data has never been more important to your success than it is today, yet you are surrounded with data you can't trust, and the overwhelming burden of fixing it. Everyone deserves data that helps-not hurts-their organization.

Implement and perform data governance on any scale using the book's flexible and proven data governance framework. This book is a culmination of decades of experience and trial and error implementations of data governance. There are many different ways to "do" data governance, so this is a consolidated framework that has been researched, developed, honed, piloted, and implemented at many different sizes of enterprises across many industries. Mold the book's flexible framework to jumpstart your data governance program. This book is a reference guide for Data Owners, Data Stewards, Data Custodians, Data Analysts, Application Developers, Database Administrators, Data Producers, and Data Consumers. Use it as a resource when you need to answer questions about data governance. It will guide you to successfully manage the creation, transformation, and usage of data owned by or in the care of your enterprise.

This valuable resource helps institutional leaders understand and implement a data strategy at their college or university that maximizes benefits to all creators and users of data. Exploring key considerations necessary for coordination of fragmented resources and the development of an effective, cohesive data strategy, this book brings together professionals from different higher education experiences and perspectives, including academic, administration, institutional research, information technology, and student affairs. Focusing on critical elements of data strategy and governance, each chapter in Data Strategy in Colleges and Universities helps higher education leaders address a frustrating problem with much-needed solutions for fostering a collaborative, data-driven strategy.

Data Integrity and Data Governance

Who Does What

Simple and Effective Approaches

The Path of Least Resistance and Greatest Success

Artificial Intelligence in Healthcare

Digitized Data Governance as a Human Rights Issue in the EU

From principles of oxygen delivery and patient assessment, through rapid sequence induction of anaesthesia and tracheal intubation, to the difficult and failed emergency airway, this book from an expert team of clinicians guides the reader through every aspect of emergency airway management. Retaining the concise, accessible format of the first edition, it includes a new section on human factors and improving teamwork and performance, an expanded special circumstances section, and a summary of the 4th National Audit Project of the Royal College of Anaesthetists and Difficult Airway Society and its implications for practice. Updated guidelines, new technologies such as videolaryngoscopy, and recent evidence have all been incorporated into the chapter content, ensuring that the book reflects best current practice. This thoroughly updated new edition remains an essential resource for navigating a highly challenging clinical scenario and will be of value to emergency medicine, intensive care, anaesthesia and acute medicine clinicians.

Multi-Domain Master Data Management delivers practical guidance and specific instruction to help guide planners and practitioners through the challenges of a multi-domain master data management (MDM) implementation. Authors Mark Allen and Dalton Cervo bring their expertise to you in the only reference you need to help your organization take master data management to the next level by incorporating it across multiple domains. Written in a business friendly style with sufficient program planning guidance, this book covers a comprehensive set of topics and advanced strategies centered on the key MDM disciplines of Data Governance, Data Stewardship, Data Quality Management, Metadata Management, and Data Integration. Provides a logical order toward planning, implementation, and ongoing management of multi-domain MDM from a program manager and data steward perspective. Provides detailed guidance, examples and illustrations for MDM practitioners to apply these insights to their strategies, plans, and processes. Covers advanced MDM strategy and instruction aimed at improving data quality management, lowering data maintenance costs, and reducing corporate risks by applying consistent enterprise-wide practices for the management and control of master data.

Data stewards in business and IT are the backbone of a successful data governance implementation because they do the work to make a company's data trusted, dependable, and high quality. Data Stewardship explains everything you need to know to successfully implement the stewardship portion of data governance, including how to organize, train, and work with data stewards, get high-quality business definitions and other metadata, and perform the day-to-day tasks using a minimum of the steward's time and effort. David Plotkin has loaded this book with practical advice on stewardship so you can get right to work, have early successes, and measure and communicate those successes, gaining more support for this critical effort. Provides clear and concise practical advice on implementing and running data stewardship, including guidelines on how to organize based on company structure, business functions, and data ownership Shows how to gain support for your stewardship effort, maintain that support over the long-term, and measure the success of the data stewardship effort and report back to management Includes detailed lists of responsibilities for each type of data steward and strategies to help the Data Governance Program Office work effectively with the data stewards

Organizations across industries are embracing data management and governance practices, primarily driven by regulation and service excellence. While it is equally important to set up a data office, it is also crucial to ensure sustainability of the function. Also, data governance is a pervasive enabler that supports a firm's corporate governance principles. The book highlights how an Enterprise can: -Overcome challenges in data offices today -Analyze existing data management strategy and capabilities to traverse maturity -Set up metadata and data quality management as services and successfully operationalize them -Formalize governance as a function through an operating model, based on its enabling culture -Define a benefits realization model to assess and monitor the value of managing and governing data

An Actionable Guide to Effective Data Management and Data Governance

Building World Class Data Governance Programs

Data Governance

The Data Governance Guidebook and Playbook

Non-invasive Data Governance

From Understanding to Implementation

Written by a leading expert in the field, this account focuses on the convergence of two major trends in information management—big data and information governance—by taking a strategic approach oriented around business cases and industry imperatives. With the advent of new technologies, enterprises are expanding and handling very large volumes of data; this book, nontechnical in nature and geared toward business audiences, encourages the practice of establishing appropriate governance over big data initiatives and addresses how to manage and govern big data, highlighting the relevant processes, procedures, and policies. It teaches readers to understand how big data fits within an overall information governance program; quantify the business value of big data; apply information governance concepts such as stewardship, metadata, and organization structures to big data; appreciate the wide-ranging business benefits for various industries and job functions; sell the value of big data governance to businesses; and establish step-by-step processes to implement big data governance.

Proven and emerging strategies for addressing document and records management risk within the framework of information governance principles and best practices Information Governance (IG) is a rapidly emerging "super discipline" and is now being applied to electronic document and records management, email, social media, cloud computing, mobile computing, and, in fact, the management and output of information organization-wide. IG leverages information technologies to enforce policies, procedures and controls to manage information risk in compliance with legal and litigation demands, external regulatory requirements, and internal governance objectives.

Information Governance: Concepts, Strategies, and Best Practices reveals how, and why, to utilize IG and leverage information technologies to control, monitor, and enforce information access and security policies. Written by one of the most recognized and published experts on information governance, including specialization in e-document

security and electronic records management Provides big picture guidance on the imperative for information governance and best practice guidance on electronic document and records management Crucial advice and insights for compliance and risk managers, operations managers, corporate counsel, corporate records managers, legal administrators, information technology managers, archivists, knowledge managers, and information governance professionals IG sets the policies that control and manage the use of organizational information, including social media, mobile computing, cloud computing, email, instant messaging, and the use of e-documents and records. This extends to e-discovery planning and preparation. Information Governance: Concepts, Strategies, and Best Practices provides step-by-step guidance for developing information governance strategies and practices to manage risk in the use of electronic business documents and records. This open access book comprehensively covers the fundamentals of clinical data science, focusing on data collection, modelling and clinical applications. Topics covered in the first section on data collection include: data sources, data at scale (big data), data stewardship (FAIR data) and related privacy concerns. Aspects of predictive modelling using techniques such as classification, regression or clustering, and prediction model validation will be covered in the second section. The third section covers aspects of (mobile) clinical decision support systems, operational excellence and value-based healthcare. Fundamentals of Clinical Data Science is an essential resource for healthcare professionals and IT consultants intending to develop and refine their skills in personalized medicine, using solutions based on large datasets from electronic health records or telemonitoring programmes. The book’s promise is “no math, no code”and will explain the topics in a style that is optimized for a healthcare audience. Defining a set of guiding principles for data management and describing how these principles can be applied within data management functional areas; Providing a functional framework for the implementation of enterprise data management practices; including widely adopted practices, methods and techniques, functions, roles, deliverables and metrics; Establishing a common vocabulary for data management concepts and serving as the basis for best practices for data management professionals. DAMA-DMBOK2 provides data management and IT professionals, executives, knowledge workers, educators, and researchers with a framework to manage their data and mature their information infrastructure, based on these principles: Data is an asset with unique properties; The value of data can be and should be expressed in economic terms; Managing data means managing the quality of data; It takes metadata to manage data; It takes planning to manage data; Data management is cross-functional and requires a range of skills and expertise; Data management requires an enterprise perspective; Data management must account for a range of perspectives; Data management is data lifecycle management; Different types of data have different lifecycle requirements; Managing data includes managing risks associated with data; Data management requirements must drive information technology decisions; Effective data management requires leadership commitment.

The DAMA Dictionary of Data Management

Invasive Bladder Cancer

Use, Disclosure, and Privacy

Multi-Domain Master Data Management

Non-Invasive Data Governance

Data Stewardship

Data integrity is the hottest topic in the pharmaceutical industry. Global regulatory agencies have issued guidance, after guidance after guidance in the past few years, most of which does not offer practical advice on how to implement policies, procedures and processes to ensure integrity. These guidances state what but not how. Additionally, key stages of analysis that impact data integrity are omitted entirely. The aim of this book is to provide practical and detailed help on how to implement data integrity and data governance for regulated analytical laboratories working in or for the pharmaceutical industry. It provides clarification of the regulatory issues and trends, and gives practical methods for meeting regulatory requirements and guidance. Using a data integrity model as a basis, the principles of data integrity and data governance are expanded into practical steps for regulated laboratories to implement. The author uses case study examples to illustrate his points and provides instructions for applying the principles of data integrity and data governance to individual laboratory needs. This book is a useful reference for analytical chemists and scientists, management and senior management working in regulated laboratories requiring

either an understanding about data integrity or help in implementing practical solutions. Consultants will also benefit from the practical guidance provided. This is the single best book ever written on data quality. Clear, concise, and actionable. We all want to leverage our data resources to drive growth, but we too often ignore the fundamentals of data quality, which almost always inhibits our success. Tom lays out a clear path for each organization to holistically improve not only its data quality, but more importantly the performance of its business as a whole. —Jeffrey G. McMillan, Chief Analytics and Data Officer, Morgan Stanley This book lays out the roles everyone, up and down the organization chart, can and must play to ensure that data is up to the demands of its use, in day-in, day-out work, decision-making, planning, and analytics. By now, everyone knows that bad data extorts an enormous toll, adding huge (though often hidden) costs, and making it more difficult to make good decisions and leverage advanced analyses. While the problems are pervasive and insidious, they are also solvable! As Tom Redman, “the Data Doc,” explains in Getting in Front on Data, the secret lies in getting the right people in the right roles to “get in front” of the management and social issues that lead to bad data in the first place. Everyone should see himself or herself in this book. We are all both data customers and data creators—after all, we use data created by others and create data used by others. And all of us must step up to these roles. As data customers, we must clarify our most important needs and communicate them to data creators. As data creators, we must strive to meet those needs by finding and eliminating the root causes of error. Getting in Front on Data proposes new roles for data professionals as: embedded data managers, in helping data customers and creators complete their work, DQ team leads, in connecting customers and creators, pulling the entire program together, and training people on their new roles, data maestros, in providing deep expertise on the really tough problems, chief data architects, in establishing common data definitions, and technologists, in increasing scale and decreasing unit cost. Getting in Front on Data introduces a new role, the data provocateur, the motive force in attacking data quality properly! This book urges everyone to unleash their inner provocateur. Finally, it crystallizes what senior leaders must do if their entire organizations are to enjoy the benefits of high-quality data! Data quality has always been important. But now, in the growing digital economy where business transactions and customer experiences are automated and tailored, data quality is critical. This book comes just in time. —Maria C. Villar, Global Vice President, SAP America, Inc. Winning, and more importantly thriving, in the digital age requires more than stating “Data is a strategic corporate asset.” Leaders and organizations need a plan of action to make the new vision a reality. Tom’s latest book is a how-to for those seeking that reality. —Bob Palermo, Vice President, Performance Excellence, Shell Unconventionals Many, if not most, companies still struggle with their data. With his latest offering, Tom Redman sets out a path they can follow to Get in Front on Data. Based on his decades of experience working with many companies and individuals, this is the most practical guide around. A must read for data professionals, and especially data “provocateurs”. —Ken Self, President IAIDQ This book offers a unique perspective on how to think about data and address Data Quality – offering practical guidance and useful instruction from the perspective of each stakeholder. The process – and processes – to go from business need to having the right quality data to address that need is no small task. —John Nicodemò, Global Leader, Data Quality, Dun & Bradstreet Getting in Front on Data is a clearly written survival handbook for the new data-driven economy. It is a “must read” for the employees of any organization expecting to remain relevant and competitive. The “Data Doc” has an extraordinary talent for explaining key concepts with simple examples and understandable analogies making it accessible to everyone in their organization regardless of their role. —John R. Talburt, Director of the Information Quality Graduate Program University of Arkansas at Little Rock

A glossary of over 2,000 terms which provides a common data management vocabulary for IT and Business professionals, and is a companion to the DAMA Data Management Body of Knowledge (DAMA-DMBOK). This glossary is a physical book – it also comes in electronic format as a CD-ROM (see ISBN 9781935504115). Topics include: • Analytics & Data Mining • Architecture • Artificial Intelligence • Business Analysis • DAMA & Professional Development • Databases & Database Design • Database Administration • Data Governance & Stewardship • Data Management • Data Modeling • Data Movement & Integration • Data Quality Management • Data Security Management • Data Warehousing & Business Intelligence • Document, Record & Content Management • Finance & Accounting • Geospatial Data • Knowledge Management • Marketing & Customer Relationship Management • Meta Data Management • Multi-dimensional & OLAP • Normalization • Object-Orientation • Parallel Database Processing • Planning • Process Management • Project Management • Reference & Master Data Management • Semantic Modeling • Software Development • Standards Organizations • Structured Query Language (SQL) • XML Development

This book considers contested responsibilities between the public and private sectors over the use of online data, detailing exactly how digital human rights evolved in specific European states and gradually became a part of the European Union framework of legal protections. The author uniquely examines why and how European lawmakers linked digital data protection to fundamental human rights, something heretofore not explained in other works on general data governance and data privacy. In particular, this work examines the utilization of national and European Union institutional arrangements as a location for activism by legal and academic consultants and by first-mover states who legislated digital human rights beginning in the 1970s. By tracing the way that EU Member States and non-state actors utilized the structure of EU bodies to create the new norm of digital human rights, readers will learn about the process of expanding the scope of human rights protections within multiple dimensions of European political space. The project will be informative to scholar, student, and layperson, as it examines a new and evolving area of technology governance – the human rights of digital data use by the public and private sectors.

The Chief Data Officer Handbook for Data Governance

Concepts, Strategies, and Best Practices

DAMA-DMBOK

Data Management and Governance Services

Data Governance Simplified

Proceedings of ICDAM

Data is fundamentally changing the nature of businesses and organisations, and the mechanisms for delivering products and services. This book is a practical guide to developing strategy and policy for data governance, in line with the developing ISO 38505 governance of data standards. It will assist an organisation wanting to become more of a data driven business by explaining how to assess the value, risks and constraints associated with collecting, using and distributing data.

Data governance is broken. It's time we fix it. Why is data governance so ineffective? The truth is data governance programs aren't designed for the way we run our data teams, they aren't even designed for a modern organization at all. They were designed when reports still came through inter-office mail. The flow of data into, within, and out of today's organizations is a tsunami breaking through rigid data governance methods. Yet our programs still rely on that command and control approach. Have you ever tried to control a tsunami? Every organization that uses data knows that they need a data governance program. Data literacy efforts and legislation like GDPR have become the bellwethers for our governance functions. But we still sit in data governance meetings without enough people and too many questions to move things forward. There's no agility to the program because we imply a degree of frailty to the data that doesn't exist. We continue to insist on archaic methods that bring no value to our organizations. Achieving deep insights from data can't happen without good governance practices. All indicators point to the need to create a resilient and responsive data governance function. Where we go from here, and how we achieve success in data governance requires a radically different way. The hard truth: it's time to challenge everything we know about data governance. Laura Madsen shows you how to redefine governance for the modern age. With a casual, witty style Madsen taps on her decades of experience, shares interviews with other best-in-field experts and grounds her perspective in research. Witness where it all fell apart, challenge long-held beliefs, and commit to a fundamental shift—that governance is not about stopping or preventing usage but about supporting the usage of data. Be able to bring back trust and value to our data governance functions, and learn the:

- People-driven approach to governance
- Processes that support the tsunami of data
- Cutting edge technology that's enabling data governance

This practical book covers both strategies and tactics around managing a data governance initiative to help make the most of your data.

A new way of thinking about data science and data ethics that is informed by the ideas of intersectional feminism. Today, data science is a form of power. It has been used to expose injustice, improve health outcomes, and topple governments. But it has also been used to discriminate, police, and surveil. This potential for good, on the one hand, and harm, on the other, makes it essential to ask: Data science by whom? Data science for whom? Data science with whose interests in mind? The narratives around big data and data science are overwhelmingly white, male, and techno-heroic. In Data Feminism, Catherine D'Ignazio and Lauren Klein present a new way of thinking about data science and data ethics—one that is informed by intersectional feminist thought. Illustrating data feminism in action, D'Ignazio and Klein show how challenges to the male/female binary can help challenge other hierarchical (and empirically wrong) classification systems. They explain how, for example, an understanding of emotion can expand our ideas about effective data visualization, and how the concept of invisible labor can expose the significant human efforts required by our automated systems. And they show why the data never, ever “speak for themselves.” Data Feminism offers strategies for data scientists seeking to learn how feminism can help them work toward justice, and for feminists who want to focus their efforts on the growing field of data science. But Data Feminism is about much more than gender. It is about power, about who has it and who doesn't, and about how those differentials of power can be challenged and changed.

A Case-Based Approach

Perspectives and Practices

Driving Business Value with IBM Software and Best Practices

Data Management Body of Knowledge

Delivering a Data Strategy

How to Design, Deploy, and Sustain an Effective Data Governance Program

"Get Governed" is the textbook for data governance professionals. Templar delivers complex information in an approachable style while offering the most accurate and easy to comprehend path toward proper and complete Data Governance for businesses of all sizes and types. Templar quickly conveys why governance matters and how it benefits your organization. No other book on Data Governance provides such a clear roadmap to success while keeping you awake and entertained with stories of how Data Governance has made a difference in the lives of customers and employees. With millions of data points changing every day, there is no time to waste. It is time to Get Governed! ADVANCED PRAISE: "Because data has quietly and quickly reached a critical mass of volume and complexity, the immense opportunities we seek with it can only be achieved when matched with a process of refining it to the few elements among the many that deserve the title 'asset.'" "Morgan is sharing how data presents endless opportunities once the right structure, leadership, conversations and cultural shift begin to take place. Whether you picked up this book for curiosity or because you are now responsible for delivering Data Governance to an organization, "Get Governed" is a well-composed guide that will change the way you think about the problem. Morgan thoughtfully lays out the reasons for Data Governance, the setup, the buy-in, the proof-points and the successes and failures to learn from. Morgan takes you on this journey in such an approachable manner that average people and experienced data management professionals alike can all reap the benefits of her experience and knowledge. Data Governance can be broken down into driving value for three core objectives: Analytics and Insights, Operational Excellence and Compliance & Reporting. Use cases related to each define a reason for why data must be trusted and the means for how it must be governed to deliver trust. "This next era of business is only going to be successful by embracing data governance and the importance of the trusted insight you will gain." - Marie Klok Crump, COO, Datum "Healthcare organizations are just starting to realize the potential value of the data they are sitting on, and 'Get Governed' explains both the "why" and the "how" to help organizations find the hidden value of those data assets. Whether you're just getting started, or have been in information management for years, "Get Governed" provides a practical, down-to-earth guide to get your organization on the right path to effective data governance." - Glen Schuster, Founder and Principal, Skrymir Data Strategies; Former CTO of Centene Corporation. "This book provides a unique perspective on the missing link in many organizations' data strategies - Governance. Governance is not just about control and decision making; it's how you enable the effective use of Data and Information to drive value and align it to the stakeholders which companies serve. As data consumption continues to grow exponentially, putting in place the right governance processes is critical. 'Get Governed' helps put some context and structure around these efforts." - Bill Fandrich, SVP and CIO Blue Cross Blue Shield of Michigan. Data governance looks simple on paper, but in reality it is a complex issue facing organizations. In this practical guide, data experts Uma Gupta and San Cannon look to demystify data governance through pragmatic advice based on real-world experience and cutting-edge academic research.

Invasive bladder tumors affect the muscle wall, and have a propensity to metastasize and spread to other areas of the body, and are more likely to be fatal. This book presents state-of-the-art diagnoses and treatments available for bladder cancer that has metastasised into the body. A thorough review of current practice is presented in a full color volume with more than 40 tables and 50 illustrations. The book offers a comprehensive review of the subject, covering epidemiology, screening, diagnostic factors, surgery, chemotherapy and post-operative monitoring. Most chapters are jointly written by a basic researcher and a clinician.

Anyone considering a data governance program within their organisation will find an invaluable step-by-step methodology using IBM tools and best practices in this structured how-to. While many in the IT industry hold separate definitions in their minds, this authoritative manual defines data governance as the discipline of treating data as an enterprise asset. The intricate process of data governance involves the exercise of decision rights to optimise, secure, and leverage data. Providing a rigorous explanation of the 14 steps and almost 100 substeps to enact unified data governance, this extensive handbook also shows that the core issues to be tackled are not about technology but rather about people and process.

Creating and Measuring Trusted Data for Businesses

Data Strategy in Colleges and Universities

An Emerging Imperative

A Practitioner's Guide to Data Governance

Big Data Governance

Data Feminism

Regional health care databases are being established around the country with the goal of providing timely and useful information to policymakers, physicians, and patients. But their emergence is raising important and sometimes controversial questions about the collection, quality, and appropriate use of health care data. Based on experience with databases now in operation and in development, Health Data in the Information Age provides a clear set of guidelines and principles for exploiting the potential benefits of aggregated health data—without jeopardizing confidentiality. A panel of experts identifies characteristics of emerging health database organizations (HDOs). The committee explores how HDOs can maintain the quality of

their data, what policies and practices they should adopt, how they can prepare for linkages with computer-based patient records, and how diverse groups from researchers to health care administrators might use aggregated data. Health Data in the Information Age offers frank analysis and guidelines that will be invaluable to anyone interested in the operation of health care databases.

What is data governance? And what are the principles and techniques you can leverage as a business or IT professional to make data governance successful within your organization? Data Governance will answer these questions and provide you with insights and approaches to improve the “data fitness” of your organization. Gain control of your data and assign responsible parties to ensure the data remains well-understood and protected, by applying the content within this book’s six chapters: · Chapter 1, Understanding Data Governance, looks at the broad definitions of data governance along with issues within data governance. · Chapter 2, Owning Data Governance, looks at Ownership, Wider Perspectives, and Roles, and explores how transparent data governance can simplify the complexities of data ownership. · Chapter 3, Data Confidence, explores using tools (e.g., standards, strategies, and policies) to clearly align business objectives with realistic IT deliverables and produce meaningful outcomes. · Chapter 4, Getting Data Fit, covers the basic elements required to make data governance work for your specific organization. There are five steps required to achieve a basic level of data fitness and effective governance. · Chapter 5, Approach and Stakeholders, covers various ways to implement data governance to ensure there are clear milestones and trigger points for key stakeholders to approve each phase. A data scorecard is introduced as a tool to help guide an organization through the data governance process. · Chapter 6, A Case Study, concerns a fictitious company, D474, used to illustrate the various examples and scenarios for implementing data governance.

Artificial Intelligence (AI) in Healthcare is more than a comprehensive introduction to artificial intelligence as a tool in the generation and analysis of healthcare data. The book is split into two sections where the first section describes the current healthcare challenges and the rise of AI in this arena. The ten following chapters are written by specialists in each area, covering the whole healthcare ecosystem. First, the AI applications in drug design and drug development are presented followed by its applications in the field of cancer diagnostics, treatment and medical imaging. Subsequently, the application of AI in medical devices and surgery are covered as well as remote patient monitoring. Finally, the book dives into the topics of security, privacy, information sharing, health insurances and legal aspects of AI in healthcare. Highlights different data techniques in healthcare data analysis, including machine learning and data mining Illustrates different applications and challenges across the design, implementation and management of intelligent systems and healthcare data networks Includes applications and case studies across all areas of AI in healthcare data

An Executive Guide to Data Management

Data Analytics and Management

The IBM Data Governance Unified Process

Navigating the Labyrinth

Information Governance

De weg van de minste weerstand en het grootste succes

Practical Implementation in Regulated Laboratories

Data governance-programma's richten zich op het uitoefenen van gezag en op verantwoordelijkheid voor het managen van data als waardevol bedrijfsmiddel. Data governance hoeft niet om controle en beheersing te draaien, maar kan soms invasief of bedreigend zijn voor het werk, de medewerkers en de cultuur van een organisatie. Non-Invasive Data Governance™ richt zich op formalisering van bestaande verantwoordelijkheden voor het managen van data en verbetering van de formele communicatie, beveiliging en kwaliteitsinspanningen via effectief stewardschap van databronnen. Scamander - The Data Liberation Company ® - heeft dit boek in het Nederlands vertaald, omdat wij geloven dat de enige succesvolle benadering een non-invasieve benadering is. Non-Invasive Data Governance biedt u een complete set tools om een succesvol data-governance-programma op te zetten. Ontdek hoe: Verantwoordelijkheden en taken als steward niet als extra werk aan medewerkers hoeven te worden opgedragen of aangereikt, maar kunnen worden benoemd, herkend en ingezet in overeenstemming met hun bestaande verantwoordelijkheid. Governance van informatie niet als een nieuw proces of nieuwe methode hoeft te worden geïntroduceerd of benadrukt, maar kan worden geïntegreerd in bestaand beleid, reguliere werkprocedures, werkwijzen en methodieken. Governance van informatie geen kwestie hoeft te zijn van inconsequente discipline opgelegd aan activiteiten als data-integratie, risicomanagement, business intelligence en master data management, maar deze juist kan ondersteunen. Een praktische en niet-bedreigende benadering kan worden toegepast op de governance van informatie en het stimuleren van datastewardschap als een organisatiebreed asset. Best practices en kernconcepten van deze niet-bedreigende benadering effectief kunnen worden gecommuniceerd, zodat van sterke punten kan worden geprofiteerd en verbeterpunten worden aangepakt.

Data Leadership

Health Data in the Information Age

Stop Talking about Data and Start Making an Impact!

Advanced MDM and Data Governance in Practice

Machine Learning for Non/Less-Invasive Methods in Health Informatics

The Birth of Digital Human Rights