

Access Free Condition Surveys And Asset Data Capture Bsria Pdf File Free

Practical Cloud Security Data Intensive Industrial Asset Management The Data Asset Infonomics Data Driven Data as a Service Capitalism without Capital Asset Pricing and Investment Styles in Digital Assets Monetizing Data Management Total Information Risk Management Condition Surveys and Asset Data Capture Machine Learning for Asset Management Asset Data Integrity is Serious Business Machine Learning for Asset Managers The AI Book Asset Management Inventory and Data Collection The Data Asset Assetization Data Centers as an Asset Class. Evaluation of Specialized REITs The Value of Data Nist Interagency Report 7693 Specification for Asset Identification 1.1 Monetizing Data Management Data Governance Data for Business Performance Engineering Asset Management Information Asset Protection Resolution Trust Corporation Data Model Patterns Advances in Asset Management and Condition Monitoring Big Data MBA Market Data Explained Artificial Intelligence in Asset Management Modern Data Strategy Data Modeling of Financial Derivatives The Book of Alternative Data Fast-Track Data Monetization With Strategic Data Assets The Game Asset Pipeline Big Data and Artificial Intelligence in Digital Finance Portfolio Selection and Asset Pricing Asset Accounting Configuration in SAP ERP

The Data Asset Aug 31 2022
An indispensable guide that shows companies how to treat data as a strategic asset. Organizations set their business strategy and direction based on information that is available to executives. The Data Asset provides guidance for not only building the business case for data quality and data governance, but also for developing methodologies and processes that will enable your organization to better treat its data as a strategic asset. Part of Wiley's SAS Business Series, this book looks at Business Case Building; Maturity Model and Organization Capabilities; 7-Step Programmatic Approach for Success; and Technologies Required for Effective Data Quality and Data Governance and, within these areas, covers Risk mitigation Cost control

Revenue optimization
Undisciplined and reactive organizations Proactive organizations Analysis, improvement, and control technology Whether you're a business manager or an IT professional, The Data Asset reveals the methodology and technology needed to approach successful data quality and data governance initiatives on an enterprise scale.

Condition Surveys and Asset Data Capture Dec 23 2021

This guide replaces Condition Survey of Building Services AG 4/2000 and is aimed at those who have the responsibility for maintaining buildings.

Data for Business

Performance Nov 09 2020
Today, digitization is dramatically changing the business landscape, and many progressive organizations have started to treat data as a valuable business asset. While

many enterprises are investing in improved data management, only a few have leveraged data to truly impact business performance. To address this problem, Data for Business Performance provides readers with practical guidance and proven techniques to derive value from data in today's business environment. Specifically, the book has five key elements that make it unique: 1.The book is holistic, as it looks at deriving value for all three key purposes of data: decision making, compliance, and customer service. 2.The book is for practitioners, with practical guidance and proven techniques supported by real world examples. 3.The book is relevant for the current business and IT landscape. 4.The book is novel, with the adoption of the Goal-Question-Metric (GQM) framework as the core mechanism to

monetize data in the organization, based on business goals, key questions, and key performance indicators (KPIs). 5. The book is technology-agnostic, as concepts are used for unlocking the value of data without any reference to proprietary technologies. *Asset Management Inventory and Data Collection* Jul 18 2021 An efficient and accurate inventory of a state highway agency's assets, along with the means to assess the condition of those assets and model their performance, is critical to enabling an agency to make informed investment decisions in a Transportation Asset Management (TAM) environment. Today, new technologies provide fast and improved ways to gather, process, and analyze data. The key is to identify and gather the most useful, reliable, cost-effect information and use it to make informed decisions for asset management. Four key infrastructure areas have been identified as primary asset components; pavements, bridges, geotechnical features, and roadside appurtenances. Each area contains multiple categories and data elements important for sound decision making. Although some similarities exist in these four primary categories, the nature of data collection may differ, depending on the asset type. The, sheer number of data elements and the length of asset networks for pavements and roadside appurtenances render the automated highway speed data collection method a necessity rather than a luxury.

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However, the discrete nature of bridges and geotechnical features make the automated mobile data collection method on a network level unfeasible with today's technology. Important issues in the collection process include precision, subjectivity and variability of the process itself, as well as speed, safety of the survey crew, proximity of the public, cost, etc. Although previous research has attempted to address these issues and determine the most appropriate method(s), the question remains as to which roadway data collection system is best for state highway agencies given real world constraints. This research set up a "sealed envelope" experiment wherein the identification, location, description, and quality of the asset data elements are known only to NCSU researchers. Vendors are informed of only the data necessary to perform their evaluation. To support this effort at 95-mile test course near Raleigh, North Carolina was identified, which contained a sampling of pavement, roadside, geotechnical and bridge elements. This document reports on the findings from the study.

Total Information Risk

Management Jan 24 2022

How well does your organization manage the risks associated with information quality? Managing information risk is becoming a top priority on the organizational agenda. The increasing sophistication of IT capabilities along with the constantly changing dynamics

of global competition are forcing businesses to make use of their information more effectively. Information is becoming a core resource and asset for all organizations; however, it also brings many potential risks to an organization, from strategic, operational, financial, compliance, and environmental to societal. If you continue to struggle to understand and measure how information and its quality affects your business, this book is for you. This reference is in direct response to the new challenges that all managers have to face. Our process helps your organization to understand the "pain points" regarding poor data and information quality so you can concentrate on problems that have a high impact on core business objectives. This book provides you with all the fundamental concepts, guidelines and tools to ensure core business information is identified, protected and used effectively, and written in a language that is clear and easy to understand for non-technical managers. Shows how to manage information risk using a holistic approach by examining information from all sources Offers varied perspectives of an author team that brings together academics, practitioners and researchers (both technical and managerial) to provide a comprehensive guide Provides real-life case studies with practical insight into the management of information risk and offers a basis for broader discussion among

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managers and practitioners
[Asset Accounting Configuration in SAP ERP](#) Jun 24 2019 In this book, noted expert Andrew Okungbowa explains SAP Asset Accounting (FI-AA) in SAP-ERP, including its associated business benefits, and guides you through the considerable complexities of SAP-ERP configuration. Using FI-AA for fixed asset management enables you to manage assets in multinational companies across a broad range of industries and produce reports to meet various needs in line with legal requirements. Configuring SAP-ERP can be a daunting exercise, however, and there are few resources that address these issues. [Asset Accounting Configuration in SAP ERP](#) fills that resource gap by covering the major aspects of SAP FI-AA for anyone with SAP experience and the basic accounting knowledge and bookkeeping skills necessary to apply configuration. It provides configuration explanations in the simplest forms possible and provides step-by-step guidance with illustrations and practical examples. What You'll Learn
"li>In-depth coverage of FI-AA syllabus How to configure FI-AA accounting in SAP How to integrate FI-AA accounting with other SAP modules How to explain the functionalities of SAP FI-AA Knowledge gained from real-world practical examples and case studies Who This Book Is For The key target audience for this book includes SAP consultants, developers, accountants, support organizations and beginners. It is also a resourceful learning manual for universities and

institutions whose curricula covers SAP-ERP Asset Accounting.
[Infonomics](#) Jul 30 2022 Many senior executives talk about information as one of their most important assets, but few behave as if it is. They report to the board on the health of their workforce, their financials, their customers, and their partnerships, but rarely the health of their information assets. Corporations typically exhibit greater discipline in tracking and accounting for their office furniture than their data. [Infonomics](#) is the theory, study, and discipline of asserting economic significance to information. It strives to apply both economic and asset management principles and practices to the valuation, handling, and deployment of information assets. This book specifically shows: CEOs and business leaders how to more fully wield information as a corporate asset CIOs how to improve the flow and accessibility of information CFOs how to help their organizations measure the actual and latent value in their information assets. More directly, this book is for the burgeoning force of chief data officers (CDOs) and other information and analytics leaders in their valiant struggle to help their organizations become more infosavvy. Author Douglas Laney has spent years researching and developing [Infonomics](#) and advising organizations on the infinite opportunities to monetize, manage, and measure information. This book delivers a set of new ideas, frameworks,

evidence, and even approaches adapted from other disciplines on how to administer, wield, and understand the value of information. [Infonomics](#) can help organizations not only to better develop, sell, and market their offerings, but to transform their organizations altogether. "Doug Laney masterfully weaves together a collection of great examples with a solid framework to guide readers on how to gain competitive advantage through what he labels "the unruly asset" - data. The framework is comprehensive, the advice practical and the success stories global and across industries and applications." Liz Rowe, Chief Data Officer, State of New Jersey "A must read for anybody who wants to survive in a data centric world." Shaun Adams, Head of Data Science, [Betterbathrooms.com](#) "Phenomenal! An absolute must read for data practitioners, business leaders and technology strategists. Doug's lucid style has a set a new standard in providing intelligible material in the field of information economics. His passion and knowledge on the subject exudes thru his literature and inspires individuals like me." Ruchi Rajasekhar, Principal Data Architect, MISO Energy "I highly recommend [Infonomics](#) to all aspiring analytics leaders. Doug Laney's work gives readers a deeper understanding of how and why information should be monetized and managed as an enterprise asset. Laney's assertion that accounting

should recognize information as a capital asset is quite convincing and one I agree with. Infonomics enjoyably echoes that sentiment!" Matt Green, independent business analytics consultant, Atlanta area "If you care about the digital economy, and you should, read this book." Tanya Shuckhart, Analyst Relations Lead, IRI Worldwide

Data Intensive Industrial Asset Management Oct 01 2022 This book presents a step by step Asset Health Management Optimization Approach Using Internet of Things (IoT). The authors provide a comprehensive study which includes the descriptive, diagnostic, predictive, and prescriptive analysis in detail. The presentation focuses on the challenges of the parameter selection, statistical data analysis, predictive algorithms, big data storage and selection, data pattern recognition, machine learning techniques, asset failure distribution estimation, reliability and availability enhancement, condition based maintenance policy, failure detection, data driven optimization algorithm, and a multi-objective optimization approach, all of which can significantly enhance the reliability and availability of the system.

Artificial Intelligence in Asset Management Mar 02 2020

Artificial intelligence (AI) has grown in presence in asset management and has revolutionized the sector in many ways. It has improved portfolio management, trading, and risk management practices

by increasing efficiency, accuracy, and compliance. In particular, AI techniques help construct portfolios based on more accurate risk and return forecasts and more complex constraints. Trading algorithms use AI to devise novel trading signals and execute trades with lower transaction costs. AI also improves risk modeling and forecasting by generating insights from new data sources. Finally, robo-advisors owe a large part of their success to AI techniques. Yet the use of AI can also create new risks and challenges, such as those resulting from model opacity, complexity, and reliance on data integrity.

Engineering Asset

Management Oct 09 2020 Engineering Asset Management discusses state-of-the-art trends and developments in the emerging field of engineering asset management as presented at the Fourth World Congress on Engineering Asset Management (WCEAM). It is an excellent reference for practitioners, researchers and students in the multidisciplinary field of asset management, covering such topics as asset condition monitoring and intelligent maintenance; asset data warehousing, data mining and fusion; asset performance and level-of-service models; design and life-cycle integrity of physical assets; deterioration and preservation models for assets; education and training in asset management; engineering standards in asset management; fault diagnosis and prognostics; financial

analysis methods for physical assets; human dimensions in integrated asset management; information quality management; information systems and knowledge management; intelligent sensors and devices; maintenance strategies in asset management; optimisation decisions in asset management; risk management in asset management; strategic asset management; and sustainability in asset management.

The AI Book Aug 19 2021

Written by prominent thought leaders in the global fintech space, *The AI Book* aggregates diverse expertise into a single, informative volume and explains what artificial intelligence really means and how it can be used across financial services today. Key industry developments are explained in detail, and critical insights from cutting-edge practitioners offer first-hand information and lessons learned. Coverage includes: · Understanding the AI Portfolio: from machine learning to chatbots, to natural language processing (NLP); a deep dive into the Machine Intelligence Landscape; essentials on core technologies, rethinking enterprise, rethinking industries, rethinking humans; quantum computing and next-generation AI · AI experimentation and embedded usage, and the change in business model, value proposition, organisation, customer and co-worker experiences in today's Financial Services Industry · The future state of financial

services and capital markets – what’s next for the real-world implementation of AITech? · The innovating customer – users are not waiting for the financial services industry to work out how AI can re-shape their sector, profitability and competitiveness · Boardroom issues created and magnified by AI trends, including conduct, regulation & oversight in an algo-driven world, cybersecurity, diversity & inclusion, data privacy, the ‘unbundled corporation’ & the future of work, social responsibility, sustainability, and the new leadership imperatives · Ethical considerations of deploying AI solutions and why explainable AI is so important

The Book of Alternative Data
Nov 29 2019 The first and only book to systematically address methodologies and processes of leveraging non-traditional information sources in the context of investing and risk management Harnessing non-traditional data sources to generate alpha, analyze markets, and forecast risk is a subject of intense interest for financial professionals. A growing number of regularly-held conferences on alternative data are being established, complemented by an upsurge in new papers on the subject. Alternative data is starting to be steadily incorporated by conventional institutional investors and risk managers throughout the financial world. Methodologies to analyze and extract value from alternative data, guidance on how to source data and integrate data flows within existing systems is

currently not treated in literature. Filling this significant gap in knowledge, *The Book of Alternative Data* is the first and only book to offer a coherent, systematic treatment of the subject. This groundbreaking volume provides readers with a roadmap for navigating the complexities of an array of alternative data sources, and delivers the appropriate techniques to analyze them. The authors—leading experts in financial modeling, machine learning, and quantitative research and analytics—employ a step-by-step approach to guide readers through the dense jungle of generated data. A first-of-its kind treatment of alternative data types, sources, and methodologies, this innovative book: Provides an integrated modeling approach to extract value from multiple types of datasets Treats the processes needed to make alternative data signals operational Helps investors and risk managers rethink how they engage with alternative datasets Features practical use case studies in many different financial markets and real-world techniques Describes how to avoid potential pitfalls and missteps in starting the alternative data journey Explains how to integrate information from different datasets to maximize informational value *The Book of Alternative Data* is an indispensable resource for anyone wishing to analyze or monetize different non-traditional datasets, including Chief Investment Officers, Chief Risk Officers, risk

professionals, investment professionals, traders, economists, and machine learning developers and users. **Modern Data Strategy** Jan 30 2020 This book contains practical steps business users can take to implement data management in a number of ways, including data governance, data architecture, master data management, business intelligence, and others. It defines data strategy, and covers chapters that illustrate how to align a data strategy with the business strategy, a discussion on valuing data as an asset, the evolution of data management, and who should oversee a data strategy. This provides the user with a good understanding of what a data strategy is and its limits. Critical to a data strategy is the incorporation of one or more data management domains. Chapters on key data management domains—data governance, data architecture, master data management and analytics, offer the user a practical approach to data management execution within a data strategy. The intent is to enable the user to identify how execution on one or more data management domains can help solve business issues. This book is intended for business users who work with data, who need to manage one or more aspects of the organization’s data, and who want to foster an integrated approach for how enterprise data is managed. This book is also an excellent reference for students studying computer science and business management or simply for someone who has been tasked

with starting or improving existing data management. [Asset Data Integrity is Serious Business](#) Oct 21 2021 If your asset data is not reliable, you need to convince the organization of the enormous potential that is locked away. To accomplish this, you need to understand the breadth of the problem and the value of solving it. A viable business case for action is needed-so let's get started! Physical asset data integrity is a critical aspect of every business, often the most valuable asset on the balance sheet, yet it is often overlooked. The data that we have about our assets collectively creates information, provides for accurate analysis and facilitates sound business decisions. Without accuracy of asset data there is a strong potential for poor decisions and their negative consequences. This book will not only provide an appreciation of this fact, it will also provide a road map to achieving value out of something most CEOs, managers, and workers often overlook. The Business Case for Data Integrity Introduction to the Business Case Information Overload Searching for Data Retiring Baby Boomers The Brain Drain A Business Case Example Consistency or Lack Thereof The Data Integrity Corporate Entitlement Impact on Shareholder Value PART 1: UNDERSTANDING THE IMPORTANCE OF ASSET DATA INTEGRITY Plant Asset Information - A Keystone for Success Overview Who Are The Stakeholders? Why We Wrote

This Book Who Will Benefit? What You Will Learn Chapter Synopsis Let's Get Started What is Data Integrity? Defining the Terms Data Elements Taxonomy and Why Is It Important? What We Are Looking for in Good Data The Downside of Poor Data Integrity A Word About Information Technology Understanding Data Is Just the Beginning The Asset / Data Integrity Life Cycle About Life Cycles The Asset Life Cycle The Asset Data Life Cycle Why the Data Life Cycle is Important Roles and Responsibilities Within the Asset Life Cycle It Is Never Too Soon To Start Life Cycle Links Life Cycles as a Foundation Data Integrity at the Task Level Task vs. Strategic The Data Integrity Transform Data Integrity Tasks Reactive Data Integrity Proactive Data Integrity From Reactive to Proactive Internal Outcomes and Impacts Indirect Impacts Decisions Are Just the Beginning Indirect Inputs Indirect Outputs The Legal Umbrella Indirect Aspects of the Transform External Outcomes and Impacts External Issues Outcomes and Impacts - Partners Outcomes and Impacts - Suppliers Outcomes and Impacts - Customers Outcomes and Impacts -Agencies Outcomes and Impacts - Public Outcomes and Impacts - Insurance Carriers The External Impacts Are Important Information Technology (IT) Problems and Solutions The Implication for IT Implications to IT of a Modern Asset Data Management Practice The Advent of ERP Systems Master Data

Management The Future PART 2: BUILDING A SOUND DATA INTEGRITY PROCESS Building an Enterprise-Level Data Integrity Model Historical View What Is an Asset? Asset Classification Static Data vs. Dynamic Data The Differences Among Assets, Functional Locations and Functional Location Hierarchies Other Asset-Related Master Data Asset Master Data Structure and Formatting Ideal Asset Data Repositories Enterprise-Level vs. Plant-Level Asset Data Integrity Building an Enterprise-Level Inventory Catalog Data Integrity Model The Model For Material What Is a Spare Part? Items Classification Static Data vs. Dynamic Data Ideal Item Data Repositories Enterprise-Level vs. Plant-Level Item Data Integrity Data Integrity Assessment Data Quality Dimensions - The Beginning The Approach to the Assessment The Initial Steps The Assessment-General Comments The Assessment Process Moving Forward Assessment Details-Assets and Material Items Similar But Different Assessing Asset Data Assessing Material Data Data Strategy Session To-Be Taxonomy Primary Data Fields Class and Subclass Manufacturer or Supplier Name Asset-Model Number or Serial Number Material Items-Manufacturer or Supplier Part Number Attribute Templates Other Asset Data Fields The Goal-Quality Data for the Future Asset Data Clean-Up and Repair After the Assessment Data Repair is Far from Simple Repair Problems

Data Repair Strategies The Big Bang Approach Fix It As You Go The Line in the Sand-More on Sustainability Commitment to Doing the Work PART 3: SUSTAINING WHAT YOU HAVE CREATED Data Governance Data Governance - Insight to the Problem Shifting the Burden The Long Term Solution The Benefits of Data Governance The Jobs of Data Governance It's All About Policy and Controls Roles and Responsibilities When Should We Start? Sustaining What Has Been Created The Need to Sustain Establishing Ownership Communication Process and Procedures Training Prepare for Data Growth Walking the Walk Quality Control and Quality Assurance Using Key Performance Indicators The Continuous Improvement Cycle Sustainability Is Not Optional Data Integrity Is Serious Business Getting Started Bibliography Index

Information Asset

Protection Sep 07 2020

Data Modeling of Financial Derivatives Dec 31 2019

Written in plain English and based on successful client engagements, *Data Modeling of Financial Derivatives: A Conceptual Approach* introduces new and veteran data modelers, financial analysts, and IT professionals to the fascinating world of financial derivatives. Covering futures, forwards, options, swaps, and forward rate agreements, finance and modeling expert Robert Mamayev shows you step-by-step how to structure and describe financial data using advanced data modeling

techniques. The book introduces IT professionals, in particular, to various financial and data modeling concepts that they may not have seen before, giving them greater proficiency in the financial language of derivatives—and greater ability to communicate with financial analysts without fear or hesitation. Such knowledge will be especially useful to those looking to pick up the necessary skills to become productive right away working in the financial sector. Financial analysts reading this book will come to grips with various data modeling concepts and therefore be in better position to explain the underlying business to their IT audience. *Data Modeling of Financial Derivatives*—which presumes no advanced knowledge of derivatives or data modeling—will help you: Learn the best entity-relationship modeling method out there—Barker’s CASE methodology—and its application in the financial industry Understand how to identify and creatively reuse data modeling patterns Gain an understanding of financial derivatives and their various applications Learn how to model derivatives contracts and understand the reasoning behind certain design decisions Resolve derivatives data modeling complexities parsimoniously so that your clients can understand them intuitively Packed with numerous examples, diagrams, and techniques, this book will enable you to recognize the various design patterns that you are most likely to

encounter in your professional career and apply them successfully in practice. Anyone working with financial models will find it an invaluable tool and career booster. *Data Governance* Dec 11 2020 As organizations deploy business intelligence and analytic systems to harness business value from their data assets, data governance programs are quickly gaining prominence. And, although data management issues have traditionally been addressed by IT departments, organizational issues critical to successful data management require the implementation of enterprise-wide accountabilities and responsibilities. *Data Governance: Creating Value from Information Assets* examines the processes of using data governance to manage data effectively. Addressing the complete life cycle of effective data governance—from metadata management to privacy and compliance—it provides business managers, IT professionals, and students with an integrated approach to designing, developing, and sustaining an effective data governance strategy. Explains how to align data governance with business goals Describes how to build successful data stewardship with a governance framework Outlines strategies for integrating IT and data governance frameworks Supplies business-driven and technical perspectives on data quality management, metadata management, data access and security, and data lifecycle The book summarizes the

experiences of global experts in the field and addresses critical areas of interest to the information systems and management community. Case studies from healthcare and financial sectors, two industries that have successfully leveraged the potential of data-driven strategies, provide further insights into real-time practice. Facilitating a comprehensive understanding of data governance, the book addresses the burning issue of aligning data assets to both IT assets and organizational strategic goals. With a focus on the organizational, operational, and strategic aspects of data governance, the text provides you with the understanding required to leverage, derive, and sustain maximum value from the informational assets housed in your IT infrastructure.

Data Driven Jun 28 2022 Offers to show readers how to leverage and deploy data to sharpen a company's competitive edge and enhance its profitability.

Portfolio Selection and Asset Pricing Jul 26 2019 In our daily life, almost every family owns a portfolio of assets. This portfolio could contain real assets such as a car, or a house, as well as financial assets such as stocks, bonds or futures. Portfolio theory deals with how to form a satisfied portfolio among an enormous number of assets. Originally proposed by H. Markowitz in 1952, the mean-variance methodology for portfolio optimization has been central to the research activities in this area and has served as a basis

for the development of modern financial theory during the past four decades. Follow-on work with this approach has born much fruit for this field of study. Among all those research fruits, the most important is the capital asset pricing model (CAPM) proposed by Sharpe in 1964. This model greatly simplifies the input for portfolio selection and makes the mean-variance methodology into a practical application. Consequently, lots of models were proposed to price the capital assets. In this book, some of the most important progresses in portfolio theory are surveyed and a few new models for portfolio selection are presented. Models for asset pricing are illustrated and the empirical tests of CAPM for China's stock markets are made. The first chapter surveys ideas and principles of modeling the investment decision process of economic agents. It starts with the Markowitz criteria of formulating return and risk as mean and variance and then looks into other related criteria which are based on probability assumptions on future prices of securities.

Big Data MBA May 04 2020 Integrate big data into business to drive competitive advantage and sustainable success Big Data MBA brings insight and expertise to leveraging big data in business so you can harness the power of analytics and gain a true business advantage. Based on a practical framework with supporting methodology and hands-on exercises, this book helps identify where and

how big data can help you transform your business. You'll learn how to exploit new sources of customer, product, and operational data, coupled with advanced analytics and data science, to optimize key processes, uncover monetization opportunities, and create new sources of competitive differentiation. The discussion includes guidelines for operationalizing analytics, optimal organizational structure, and using analytic insights throughout your organization's user experience to customers and front-end employees alike. You'll learn to "think like a data scientist" as you build upon the decisions your business is trying to make, the hypotheses you need to test, and the predictions you need to produce. Business stakeholders no longer need to relinquish control of data and analytics to IT. In fact, they must champion the organization's data collection and analysis efforts. This book is a primer on the business approach to analytics, providing the practical understanding you need to convert data into opportunity. Understand where and how to leverage big data Integrate analytics into everyday operations Structure your organization to drive analytic insights Optimize processes, uncover opportunities, and stand out from the rest Help business stakeholders to "think like a data scientist" Understand appropriate business application of different analytic techniques If you want data to transform your business, you need to

know how to put it to use. Big Data MBA shows you how to implement big data and analytics to make better decisions.

Practical Cloud Security Nov 02 2022 With their rapidly changing architecture and API-driven automation, cloud platforms come with unique security challenges and opportunities. This hands-on book guides you through security best practices for multivendor cloud environments, whether your company plans to move legacy on-premises projects to the cloud or build a new infrastructure from the ground up. Developers, IT architects, and security professionals will learn cloud-specific techniques for securing popular cloud platforms such as Amazon Web Services, Microsoft Azure, and IBM Cloud. Chris Dotson—an IBM senior technical staff member—shows you how to establish data asset management, identity and access management, vulnerability management, network security, and incident response in your cloud environment.

Big Data and Artificial Intelligence in Digital Finance Aug 26 2019 This open access book presents how cutting-edge digital technologies like Machine Learning, Artificial Intelligence (AI), and Blockchain are set to disrupt the financial sector. The book illustrates how recent advances in these technologies facilitate banks, FinTechs, and financial institutions to collect, process, analyze, and fully leverage the very large amounts of data that

are nowadays produced and exchanged in the sector. To this end, the book also introduces some of the most popular Big Data, AI and Blockchain applications in the sector, including novel applications in the areas of Know Your Customer (KYC), Personalized Wealth Management and Asset Management, Portfolio Risk Assessment, as well as variety of novel Usage-based Insurance applications based on Internet-of-Things data. Most of the presented applications have been developed, deployed and validated in real-life digital finance settings in the context of the European Commission funded INFINITECH project, which is a flagship innovation initiative for Big Data and AI in digital finance. This book is ideal for researchers and practitioners in Big Data, AI, banking and digital finance. Introduces the latest advances in Big Data and AI in Digital Finance that enable scalable, effective, and real-time analytics; Explains the merits of Blockchain technology in digital finance, including applications beyond the blockbuster cryptocurrencies; Presents practical applications of cutting edge digital technologies in the digital finance sector; Illustrates the regulatory environment of the financial sector and presents technical solutions that boost compliance to applicable regulations; This book is open access, which means that you have free and unlimited access. **Machine Learning for Asset Managers** Sep 19 2021 Successful investment

strategies are specific implementations of general theories. An investment strategy that lacks a theoretical justification is likely to be false. Hence, an asset manager should concentrate her efforts on developing a theory rather than on backtesting potential trading rules. The purpose of this Element is to introduce machine learning (ML) tools that can help asset managers discover economic and financial theories. ML is not a black box, and it does not necessarily overfit. ML tools complement rather than replace the classical statistical methods. Some of ML's strengths include (1) a focus on out-of-sample predictability over variance adjudication; (2) the use of computational methods to avoid relying on (potentially unrealistic) assumptions; (3) the ability to "learn" complex specifications, including nonlinear, hierarchical, and noncontinuous interaction effects in a high-dimensional space; and (4) the ability to disentangle the variable search from the specification search, robust to multicollinearity and other substitution effects. *The Game Asset Pipeline* Sep 27 2019 Written for engine and tool programmers responsible for the development and maintenance of export tools, asset management, data pre-processing, or packaging, this book guides the production team through the daunting task of managing the vast array of game assets in a structured, practical method. **The Value of Data** Mar 14 2021 Have you ever heard that

data is an asset that generates value? If the answer is yes, try asking your interlocutor the following question: "can you tell me how much your company's data is worth?" This book aims to find an answer to that question to help all those data managers who need to convince their organization how relevant it is to consider data as an asset, and as such, to value it. Good data management starts with the question: what do I want the data for? Thus, the first step is to understand the company's objectives and then analyze how these general objectives are translated into business metrics, for whose improvement a fundamental lever is the uses we make of the data that we have been patiently, expensively, and carefully storing, cleaning and organizing (modeling). After this reflection, from strategy to information, we should decide what technology to acquire, what talent to hire, and what governance model to implement. The Strategic Relevance Method for calculating the Value of Data helps you identify the key levers that will help you implement a successful Data Strategy.

Data Centers as an Asset Class. Evaluation of Specialized REITs

Apr 14 2021 Master's Thesis from the year 2020 in the subject Business economics - Miscellaneous, grade: 1,7, University of Regensburg (International Real Estate Business School, Institut für Immobilienwirtschaft), course: Immobilien, language: English, abstract: The main part of this

thesis will be a comprehensive empirical analysis of the performance, risks and portfolio benefits of data center REITs relative to other commercial REIT sectors and major financial asset classes. The focus will be on the comparison of REIT sectors respectively property types, as this topic has rarely been dealt with in literature so far. Following research questions were formulated: How do investments in data center REITs compare to investment in other REIT sectors and major financial asset classes in terms of risk and return? How do data center REITs act in a portfolio and which benefits can be gained from including them in a portfolio of different REITs respectively different financial assets? Due to the facts that data center REITs specialize in in a property type, which requires tremendous specific knowledge and the simultaneously very supporting settings stated above, the following hypotheses will be examined: Data center REITs achieved higher returns but also higher risk than other REIT sectors and financial assets in the past. Data center REITs play a substantial role in a portfolio, that can be attributed in particular to the outperformance of other REIT sectors and financial assets. Market Data Explained Apr 02 2020 Market Data Explained is intended to provide a guide to the universe of data content produced by the global capital markets on a daily basis. Commonly referred to as "market data", the universe of content is very wide and the

type of information correspondingly diverse. Jargon and acronyms are very common. As a result, users of market data typically face difficulty in applying the content in analysis and business applications. This guide provides an independent framework for understanding this diversity and streamlining the process of referring to content and how it relates to today's business environment. The book achieves this goal by providing a consistent frame of reference for users of market data. As such, it is built around the concept of a data model – a single, coherent view of the capital markets independent of any one source, such as an exchange. In particular it delineates clearly between the actual data content and how it is delivered (i.e., realtime data streams versus reference data). It shows how the data relates across the universe of securities (i.e., stocks, bonds, derivatives etc.). In this way it provides a logical framework for understanding how new content can be added over time as the business develops. Special features: 1. Uniqueness – this is the first comprehensive catalog and taxonomy to be made available for a business audience 2. Industry Acceptance – the framework described in this book is implemented as a relational data model in the industry today and used by blue chip multinational firms 3. Comprehensiveness – there are no arbitrary distinctions made based on asset class or data type (the legacy approach). The model presented in this book is

fully cross asset and makes no distinction between data types (i.e., realtime versus historical/reference data) or sources 4. Independence – the framework is an independent, objective overview of how the data content integrates to provide a coherent view of the data produced by the global capital markets on a daily and intra-day basis. It provides a logical framework for referring to the content and entities that are so intrinsic to this industry First and only single, comprehensive desk reference to market data produced by the global capital markets on a daily basis Provides a comprehensive catalog of the market data and a common structure for navigating the complex content and interrelationships Provides a common taxonomy and naming conventions that handles the highly varied, geographically and language dependent nature of the content

Advances in Asset Management and Condition Monitoring

Jun 04 2020 This book gathers select contributions from the 32nd International Congress and Exhibition on Condition Monitoring and Diagnostic Engineering Management (COMADEM 2019), held at the University of Huddersfield, UK in September 2019, and jointly organized by the University of Huddersfield and COMADEM International. The aim of the Congress was to promote awareness of the rapidly emerging interdisciplinary areas of condition monitoring and diagnostic engineering management. The contents

discuss the latest tools and techniques in the multidisciplinary field of performance monitoring, root cause failure modes analysis, failure diagnosis, prognosis, and proactive management of industrial systems. There is a special focus on digitally enabled asset management and covers several topics such as condition monitoring, maintenance, structural health monitoring, non-destructive testing and other allied areas. Bringing together expert contributions from academia and industry, this book will be a valuable resource for those interested in latest condition monitoring and asset management techniques.

Capitalism without Capital

Apr 26 2022 Early in the twenty-first century, a quiet revolution occurred. For the first time, the major developed economies began to invest more in intangible assets, like design, branding, and software, than in tangible assets, like machinery, buildings, and computers. For all sorts of businesses, the ability to deploy assets that one can neither see nor touch is increasingly the main source of long-term success. But this is not just a familiar story of the so-called new economy. Capitalism without Capital shows that the growing importance of intangible assets has also played a role in some of the larger economic changes of the past decade, including the growth in economic inequality and the stagnation of productivity. Jonathan Haskel and Stian Westlake explore the unusual economic

characteristics of intangible investment and discuss how an economy rich in intangibles is fundamentally different from one based on tangibles. Capitalism without Capital concludes by outlining how managers, investors, and policymakers can exploit the characteristics of an intangible age to grow their businesses, portfolios, and economies.

Data as a Service May 28 2022 Data as a Service shows how organizations can leverage “data as a service” by providing real-life case studies on the various and innovative architectures and related patterns Comprehensive approach to introducing data as a service in any organization A reusable and flexible SOA based architecture framework Roadmap to introduce ‘big data as a service’ for potential clients Presents a thorough description of each component in the DaaS reference architecture so readers can implement solutions

The Data Asset Jun 16 2021 An indispensable guide that shows companies how to treat data as a strategic asset Organizations set their business strategy and direction based on information that is available to executives. The Data Asset provides guidance for not only building the business case for data quality and data governance, but also for developing methodologies and processes that will enable your organization to better treat its data as a strategic asset. Part of Wiley's SAS Business Series, this book looks at Business Case Building; Maturity Model and Organization Capabilities;

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Access Free *Condition Surveys And Asset Data Capture Bsria Pdf File Free*

7-Step Programmatic Approach for Success; and Technologies Required for Effective Data Quality and Data Governance and, within these areas, covers Risk mitigation Cost control Revenue optimization Undisciplined and reactive organizations Proactive organizations Analysis, improvement, and control technology Whether you're a business manager or an IT professional, The Data Asset reveals the methodology and technology needed to approach successful data quality and data governance initiatives on an enterprise scale.

Resolution Trust Corporation
Aug 07 2020

Nist Interagency Report 7693 Specification for Asset Identification 1.1 Feb 10 2021

One of the primary requirements for performing asset management is the ability to identify assets based on some set of data known about them. Asset identification, the use of attributes and methods to uniquely identify an asset, allows for correlation of data across multiple sources, reporting of asset information across different organizations and databases, targeted actions against specific assets, and usage of asset data in other business processes.

Asset Pricing and Investment Styles in Digital Assets Mar 26 2022 This book analyzes the emerging asset class of digital assets. When a new asset class originates, researchers try to understand some basic questions: Can digital assets, with the flagship asset bitcoin, really be considered a serious asset

class? Since it is possible to trade digital assets, does it make sense to trade or to invest in these assets? How do digital assets compare to traditional asset classes like equities or bonds? After describing basic financial theory and breaking down the digital asset universe, this book provides fundamental knowledge with respect to this young and rising asset class. It focuses on special issues like the application of technical indicators, investment styles, asset pricing and portfolio construction. Furthermore, it offers remarks and links to other traditional asset classes and describes and warns of data issues in digital asset data.

Machine Learning for Asset Management Nov 21 2021

This new edited volume consists of a collection of original articles written by leading financial economists and industry experts in the area of machine learning for asset management. The chapters introduce the reader to some of the latest research developments in the area of equity, multi-asset and factor investing. Each chapter deals with new methods for return and risk forecasting, stock selection, portfolio construction, performance attribution and transaction costs modeling. This volume will be of great help to portfolio managers, asset owners and consultants, as well as academics and students who want to improve their knowledge of machine learning in asset management.

Fast-Track Data

Monetization With Strategic Data Assets Oct 28 2019

Unlike traditional company assets that will deteriorate or be depleted over time, data can be reused and recombined freely without degradation. Increasing the liquidity -- the ease of data asset reuse and recombination -- of strategic data is the first step to data monetization. The authors describe how the efforts of a financial services firm and three other organizations to facilitate the recurring reuse and recombination of strategic data assets are paying off.

Monetizing Data Management

Jan 12 2021 What's the Return on Investment (ROI) on data management? Sound like an impossible question to answer?

Not if you read this book and learn the value-added approach to managing enterprise resources and assets. This book defines the five interrelated best practices that comprise data management, and shows you how by example to successfully communicate data management ROI to senior management. The 17 cases we share will help you to identify opportunities to introduce data management into the strategic conversations that occur in the C-suite. You will gain a new perspective regarding the stewardship of your data assets and insulate your operations from the chaos, losses and risks that result from traditional approaches to technological projects. And you will learn how to protect yourself from legal challenges resulting from outsourced information technology projects gone badly due to incorrect project

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sequencing and focus. With the emerging acceptance and adoption of revised performance standards, your organization will be better prepared to face the coming big data deluge! The book contains four chapters: • Chapter 1 gives a somewhat unique perspective to the practice of leveraging data. We describe the motivations and delineate the specific challenges preventing most organizations from making substantial progress in this area. • Chapter 2 presents 11 cases where leveraging data has produced positive financial results that can be presented in language of immediate interest to C-level executives. To the degree possible, we have quantified the effect that data management has had in terms that will be meaningful to them also. • Chapter 3 describes five instances taken from the authors' experiences with various governmental defense departments. The lessons in this section however can be equally applied to many non-profit and non-defense governmental organizations. • Chapter 4 speaks specifically to the interaction of data management practices, in terms of both information technology projects and legal responsibilities. Reading it can help your organization avoid a number of perils, stay out of court and better vet contractors, experts and other helpers who play a role in organization information technology development. From John Bottega Foreword: Data is the new currency. Yes, an expression that is being used

quite a bit of late, but it is very relevant in discussing the importance of data and the methodologies by which we manage it. And like any currency, how we manage it determines its true value. Like any currency, it can be managed wisely, or it can be managed foolishly. It can be put to good use, or it can be squandered away. The question is - what factors determine the path that we take? How do we properly manage this asset and realize its full value and potential? In *Monetizing Data Management*, Peter and Juanita explore the question of how to understand and place tangible value on data and data management. They explore this question through a series of examples and real-world use cases to exemplify how the true value of data can be realized. They show how bringing together business and technology, and applying a data-centric forensic approach can turn massive amounts of data into the tools needed to improve business processes, reduce costs, and better serve the customer. Data monetization is not about turning data into money. Instead, it's about taking information and turning it into opportunity. It's about the need to understand the real meaning of data in order to extract value from it. And it's about achieving this objective through a partnership with business and technology. In *Monetizing Data Management*, the authors demonstrate how true value can be realized from our data through improved data centric approaches.

Monetizing Data Management
Feb 22 2022 What's the Return on Investment (ROI) on data management? Sound like an impossible question to answer? Not if you read this book and learn the value-added approach to managing enterprise resources and assets. This book defines the five interrelated best practices that comprise data management, and shows you how by example to successfully communicate data management ROI to senior management. The 17 cases we share will help you to identify opportunities to introduce data management into the strategic conversations that occur in the C-suite. You will gain a new perspective regarding the stewardship of your data assets and insulate your operations from the chaos, losses and risks that result from traditional approaches to technological projects. And you will learn how to protect yourself from legal challenges resulting from outsourced information technology projects gone badly due to incorrect project sequencing and focus. With the emerging acceptance and adoption of revised performance standards, your organization will be better prepared to face the coming big data deluge! The book contains four chapters: Chapter 1 gives a somewhat unique perspective to the practice of leveraging data. We describe the motivations and delineate the specific challenges preventing most organizations from making substantial progress in this area. Chapter 2 presents 11 cases where leveraging data has produced

positive financial results that can be presented in language of immediate interest to C-level executives. To the degree possible, we have quantified the effect that data management has had in terms that will be meaningful to them also. Chapter 3 describes five instances taken from the authors' experiences with various governmental defense departments. The lessons in this section however can be equally applied to many non-profit and non-defense governmental organizations. Chapter 4 speaks specifically to the interaction of data management practices, in terms of both information technology projects and legal responsibilities. Reading it can help your organization avoid a number of perils, stay out of court and better vet contractors, experts and other helpers who play a role in organization information technology development. From John Bottega Foreword: Data is the new currency. Yes, an expression that is being used quite a bit of late, but it is very relevant in discussing the importance of data and the methodologies by which we manage it. And like any currency, how we manage it determines its true value. Like any currency, it can be managed wisely, or it can be managed foolishly. It can be put to good use, or it can be squandered away. The question is - what factors determine the path that we take? How do we properly manage this asset and realize its full value and potential? In *Monetizing Data Management*, Peter and Juanita

explore the question of how to understand and place tangible value on data and data management. They explore this question through a series of examples and real-world use cases to exemplify how the true value of data can be realized. They show how bringing together business and technology, and applying a data-centric forensic approach can turn massive amounts of data into the tools needed to improve business processes, reduce costs, and better serve the customer. Data monetization is not about turning data into money. Instead, it's about taking information and turning it into opportunity. It's about the need to understand the real meaning of data in order to extract value from it. And it's about achieving this objective through a partnership with business and technology. In *Monetizing Data Management*, the authors demonstrate how true value can be realized from our data through improved data centric approaches. [Data Model Patterns](#) Jul 06 2020 This is the digital version of the printed book (Copyright © 1996). Learning the basics of a modeling technique is not the same as learning how to use and apply it. To develop a data model of an organization is to gain insights into its nature that do not come easily. Indeed, analysts are often expected to understand subtleties of an organization's structure that may have evaded people who have worked there for years. Here's help for those analysts who have learned the basics of data modeling (or

"entity/relationship modeling") but who need to obtain the insights required to prepare a good model of a real business. Structures common to many types of business are analyzed in areas such as accounting, material requirements planning, process manufacturing, contracts, laboratories, and documents. In each chapter, high-level data models are drawn from the following business areas: The Enterprise and Its World The Things of the Enterprise Procedures and Activities Contracts Accounting The Laboratory Material Requirements Planning Process Manufacturing Documents Lower-Level Conventions **Assetization** May 16 2021 How the asset—anything that can be controlled, traded, and capitalized as a revenue stream—has become the primary basis of technoscientific capitalism. In this book, scholars from a range of disciplines argue that the asset—meaning anything that can be controlled, traded, and capitalized as a revenue stream—has become the primary basis of technoscientific capitalism. An asset can be an object or an experience, a sum of money or a life form, a patent or a bodily function. A process of assetization prevails, imposing investment and return as the key rationale, and overtaking commodification and its speculative logic. Although assets can be bought and sold, the point is to get a durable economic rent from them rather than make a killing on the market. Assetization

examines how assets are constructed and how a variety of things can be turned into assets, analyzing the interests, activities, skills, organizations, and relations entangled in this process. The contributors consider the assetization of knowledge, including patents, personal data, and biomedical innovation; of infrastructure,

including railways and energy; of nature, including mineral deposits, agricultural seeds, and “natural capital”; and of publics, including such public goods as higher education and “monetizable social ills.” Taken together, the chapters show the usefulness of assetization as an analytical tool and as an

element in the critique of capitalism. Contributors Thomas Beauvisage, Kean Birch, Veit Braun, Natalia Buier, Béatrice Cointe, Paul Robert Gilbert, Hyo Yoon Kang, Les Levidow, Kevin Mellet, Sveta Milyaeva, Fabian Muniesa, Alain Nadaï, Daniel Neyland, Victor Roy, James W. Williams