

Where To Download Total Value Optimization Transforming Your Global Supply Chain Into A Competitive Weapon Pdf For Free

Total Value Optimization **Value Optimization for Project and Performance Management**
Transforming Your Business with AWS Website Optimization **Financial Institution Advantage and the Optimization of Information Processing** **Industrial Digital Transformation** *Optimarketing*
The Science of Dream Teams: How Talent Optimization Can Drive Engagement, Productivity, and Happiness **Demand-Driven Inventory Optimization and Replenishment** *Innovation and Transformation* **Convex Optimization** Applied Optimization Combinatorial Optimization Telecom Extreme Transformation *Speed Up Your Site* *Technology Optimization and Change Management for Successful Digital Supply Chains* Computational Systems — Natural and Artificial **Pro SQL Server 2012 Integration Services Business Optimization** Fit for Growth **Intermittent Fasting Transformation** A Guide to EHR Adoption: Implementation Through Organizational Transformation Transforming IT Culture **Mobile Web Performance Optimization** *Oracle PL/SQL Programming*
The Road to Azure Cost Governance *Oracle SQL by Example* **The Smart Supply Chain**
Transforming Healthcare Analytics *Issues in Global Business* *Landing Page Optimization* **Wide Area Network Design** **Mobile Learning** **Large Problems, Small Machines** **Digital Supply Networks: Transform Your Supply Chain and Gain Competitive Advantage with Disruptive Technology and Reimagined Processes** **Unleashing Your Inner Leader** **How Families Flourish** **The Economics of Data, Analytics, and Digital Transformation** **Recurrent Neural Networks with Python** **Quick Start Guide** *77 Building Blocks of Digital Transformation*

77 Building Blocks of Digital Transformation Jun 22 2019 In 2018, '77 Building Blocks of Digital Transformation: The Digital Capability Model' was published to help 'digital practitioners' working in the digital space. Since then, quite a few readers have suggested writing a book about digital transformation for 'the general public' interested in learning more than basics of digital transformation. That is how the book '77 Building Blocks of Digital Transformation: Simply Explained' has been created. This book is intended to deliver the key messages of 'the 77 Building Blocks' to the general public. It aims to help the general public understand 'actual practices' in the digital space. This is not a theory book that discusses the academical ideas and concepts of digital transformation, but a 'practical' field book that describes the proven digital capabilities as the building blocks of digital transformation. This book does however not fully cover the technical detail of the Maturity Model described in '77 Building Blocks of Digital transformation: The Digital Capability Model' that aims to help digital practitioners with measuring digital maturity. Instead, this book provides examples of higher maturity indicators as an introduction to the Maturity Model. If you are looking for a deep dive into the Maturity Model, refer to '77 Building Blocks of Digital transformation: The Digital Capability Model'. This book covers: 1. Digital Customer Experience Management - Digital Customer Journey Management - User Research - Usability Analysis - User Experience Designing - User Experience Testing 2. Social Interaction - Social Listening - Social Media Marketing - Social Media Servicing - Online Community Management - Rating & Review Management - Content Moderation - Social Crisis Management 3. Digital Marketing - Digital Brand Marketing - Search Engine Optimization - Paid Search - Content Targeting - Affiliate Marketing - Online Advertising - Digital Campaign Management - Lead Management - Marketing Offer Management - Email Marketing - Mobile Marketing - Marketing Automation - Conversion Rate Optimization 4. Digital Commerce - **Online Merchandising** - **Total Value Shopping Cart & Checkout** - **Payments & Reconciliation** - **Order Management**

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& Fulfillment -Account Management & Self-Service5. Digital Channel Management -Channel Mix & Optimization -Cross-Business Integration -Cross-Channel Integration -Multi-Device Presentation6. Knowledge & Content Management -Knowledge Collaboration -Knowledge Base Management - Content Lifecycle Management -Digital Asset Management -Content Aggregation & Syndication - Web Content Management7. Customization & Personalization -Customer Preference Management - Customer Communication Management -Social Behaviour Management -Interaction Tracking & Management -Customer Loyalty Management -Digital Customer Services8. Digital Intelligence - Product Similarity Analytics -Customer Insights -Customer Segmentation -Conversion Analytics - Digital Marketing Effectiveness -Big Data Analytics -Web Analytics -Reporting & Dashboard9. Digital Data Management -Non-relational Data Management -Distributed Data Store Management - Enterprise Search -Master Data Management -Data Quality Management -Digital Data Policy Management10. Digital Infrastructure Management -On-Demand Provisioning -User Interaction Services -Process Integration Services -Parallel Processing Services -Federated Access Management -Digital Continuity Management11. Digital Alignment -Digital Innovation -Digital Planning -Digital Governance -Cross-Boundary Collaboration -Digital Journey Readiness12. Digital Development & Operations -Digital Program & Project Management -Digital Design Authority -Digital Capability Development -Digital Capability Introduction -Digital Service Operations -Digital Quality Management

Applied Optimization Nov 19 2021 The starting point in the formulation of any numerical problem is to take an intuitive idea about the problem in question and to translate it into precise mathematical language. This book provides step-by-step descriptions of how to formulate numerical problems and develops techniques for solving them. A number of engineering case studies motivate the development of efficient algorithms that involve, in some cases, transformation of the problem from its initial formulation into a more tractable form. Five general problem classes are considered: linear systems of equations, non-linear systems of equations, unconstrained optimization, equality-constrained optimization and inequality-constrained optimization. The book contains many worked examples and homework exercises and is suitable for students of engineering or operations research taking courses in optimization. Supplementary material including solutions, lecture slides and appendices are available online at www.cambridge.org/9780521855648.

Mobile Web Performance Optimization Nov 07 2020 Deliver a better mobile user experience by improving and optimizing your website - follow these practical steps for cutting-edge application development About This Book Optimize your website or application for an improved mobile performance Learn how to create lightweight, intuitive mobile UI and make sure it's supported by a robust application architecture Find out how to improve the performance of your applications by asking the right design questions at each stage in the development workflow Who This Book Is For This book has been created for web developers who want to optimize their website for today's mobile users. If you understand just how important user experience is, this book is for you - it will help you throughout the entire optimization process. What You Will Learn Learn the three pillars of mobile performance Find out how to ask - and answer - crucial design questions such as 'mobile or responsive?' Learn how to minify CSS and JavaScript for improved performance Monitor and debug your website with the leading browser testing tools Explore the impact of caching on performance - and improve it using JavaScript and CSS frameworks Make third-party plugins your friend - avoid common issues and pitfalls In Detail With users increasingly accessing the web on mobile devices, it's crucial to make sure your website is built to seamlessly fit this radical change in user behavior. Mobile Web Performance Optimization is designed to help you do exactly that - it's been created to help you build fast, and mobile-user-friendly websites and applications. Featuring guidance through a range of techniques and tools essential to modern mobile development, this accessible guide will make sure you're delivering a seamless and intuitive experience for your website's users. Begin by exploring the fundamental components of mobile web design and website optimization, before learning how to put the concepts into practice. Featuring cross-platform solutions, insights on developing lightweight yet robust UI, and insights on how to successfully manage data, this

application development book takes you through every stage in the development process – so you can be confident that you're asking the right questions and using the best tools in the most effective way. By the end, you'll understand implicitly what it means to 'build for performance'- you'll be a more confident developer, capable of building projects that adapt to a changing world. Style and approach This book takes a step-by-step approach to mobile web optimization, explaining the topics in a conversational and easy-to-follow style. Each topic includes detailed explanations of the basic and advanced features of mobile web optimization.

Oracle PL/SQL Programming Oct 07 2020 This book is the definitive reference on PL/SQL, considered throughout the database community to be the best Oracle programming book available. Like its predecessors, this fifth edition of Oracle PL/SQL Programming covers language fundamentals, advanced coding techniques, and best practices for using Oracle's powerful procedural language. Thoroughly updated for Oracle Database 11g Release 2, this edition reveals new PL/SQL features and provides extensive code samples, ranging from simple examples to complex and complete applications, in the book and on the companion website. This indispensable reference for both novices and experienced Oracle programmers will help you: Get PL/SQL programs up and running quickly, with clear instructions for executing, tracing, testing, debugging, and managing PL/SQL code Optimize PL/SQL performance with the aid of a brand-new chapter in the fifth edition Explore datatypes, conditional and sequential control statements, loops, exception handling, security features, globalization and localization issues, and the PL/SQL architecture Understand and use new Oracle Database 11g features, including the edition-based redefinition capability, the function result cache, the new CONTINUE statement, fine-grained dependency tracking, sequences in PL/SQL expressions, supertype invocation from subtypes, and enhancements to native compilation, triggers, and dynamic SQL Use new Oracle Database 11g tools and techniques such as PL/Scope, the PL/SQL hierarchical profiler, and the SecureFiles technology for large objects Build modular PL/SQL applications using procedures, functions, triggers, and packages

Financial Institution Advantage and the Optimization of Information Processing Jun 26 2022 A PROVEN APPROACH FOR CREATING and IMPLEMENTING EFFECTIVE GOVERNANCE for DATA and ANALYTICS Financial Institution Advantage and the Optimization of Information Processing offers a key resource for understanding and implementing effective data governance practices and data modeling within financial organizations. Sean Keenan—a noted expert on the topic—outlines the strategic core competencies, includes best practices, and suggests a set of mechanisms for self-evaluation. He shows what it takes for an institution to evaluate its information processing capability and how to take the practical steps toward improving it. Keenan outlines the strategies and tools needed for financial institutions to take charge and make the much-needed decisions to ensure that their firm's information processing assets are effectively designed, deployed, and utilized to meet the strict regulatory guidelines. This important resource is filled with practical observations about how information assets can be actively and effectively managed to create competitive advantage and improved financial results. Financial Institution Advantage and the Optimization of Information Processing also includes a survey of case studies that highlight both the positive and less positive results that have stemmed from institutions either recognizing or failing to recognize the strategic importance of information processing capabilities.

Fit for Growth Mar 12 2021 A practical approach to business transformation Fit for Growth* is a unique approach to business transformation that explicitly connects growth strategy with cost management and organization restructuring. Drawing on 70-plus years of strategy consulting experience and in-depth research, the experts at PwC's Strategy& lay out a winning framework that helps CEOs and senior executives transform their organizations for sustainable, profitable growth. This approach gives structure to strategy while promoting lasting change. Examples from Strategy&'s hundreds of clients illustrate successful transformation on the ground, and illuminate how senior and middle managers are able to take ownership and even thrive during difficult periods of transition. Throughout the Fit for Growth process, the focus is on maintaining consistent high-value performance while enabling fundamental change. Strategy& has helped major clients around

the globe achieve significant and sustained results with its research-backed approach to restructuring and cost reduction. This book provides practical guidance for leveraging that expertise to make the choices that allow companies to: Achieve growth while reducing costs Manage transformation and transition productively Create lasting competitive advantage Deliver reliable, high-value performance Sustainable success is founded on efficiency and high performance. Companies are always looking to do more with less, but their efforts often work against them in the long run. Total business transformation requires total buy-in, and it entails a series of decisions that must not be made lightly. The Fit for Growth approach provides a clear strategy and practical framework for growth-oriented change, with expert guidance on getting it right. *Fit for Growth is a registered service mark of PwC Strategy& Inc. in the United States

Large Problems, Small Machines Dec 29 2019 Large Problems, Small Machines: Transforming Your Programs with Advanced Algorithms describes a practical, real-world approach to program optimization based on advanced algorithms. Topics covered range from how to save storage using a restricted character set and how to speed up access to records by employing hash coding (or "scatter storage") and caching. A selective mailing list system is used to illustrate rapid access to and rearrangement of information selected by criteria specified at run-time. Comprised of six chapters, this book begins by discussing factors to consider when deciding whether a program needs optimization. In the next chapter, a supermarket price lookup system is used to illustrate how to save storage by using a restricted character set and how to speed up access to records with the aid of hash coding and caching. Attention is paid to rapid retrieval of prices. A selective mailing list system is then used to illustrate rapid access to and rearrangement of information selected by criteria specified at run-time. The book also considers the Huffman coding and arithmetic coding methods of data compression before concluding with a review of the characteristics of the algorithms encountered in previous chapters, as well as the future of the art of optimization. This monograph will be a useful resource for practicing computer programmers and those who intend to be working programmers.

Value Optimization for Project and Performance Management Sep 29 2022 Discover the proven process for maximizing the potential value of any project. Showing readers how to apply value optimization techniques to project and performance management, dramatically increasing results and efficiency, Value Optimization for Project and Performance Management is written to compliment the Project Management Body of Knowledge, the guidance published by the Project Management Institute (PMI®), making it readily applicable for any project manager. Presents methodology applied with hundreds of clients across a range of industries Filled with practical facilitation and implementation tips Presents a cohesive theory, structured framework, and diverse toolset Walks you through the value optimization process, showing you how to transform the way a product or process is perceived Brimming with examples, Value Optimization for Project and Performance Management provides a link to a free software demo for you to get started in applying value optimization in your own organization. (PMI is a registered mark of Project Management Institute, Inc.)

Oracle SQL by Example Aug 05 2020 The World's #1 Hands-On Oracle SQL Workbook-Fully Updated for Oracle 11g Crafted for hands-on learning and tested in classrooms worldwide, this book illuminates in-depth every Oracle SQL technique you'll need. From the simplest query fundamentals to regular expressions and with newly added coverage of Oracle's powerful new SQL Developer tool, you will focus on the tasks that matter most. Hundreds of step-by-step, guided lab exercises will systematically strengthen your expertise in writing effective, high-performance SQL. Along the way, you'll acquire a powerful arsenal of useful skills-and an extraordinary library of solutions for your real-world challenges with Oracle SQL. Coverage includes 100% focused on Oracle SQL for Oracle 11g, today's #1 database platform-not "generic" SQL! Master all core SQL techniques including every type of join such as equijoins, self joins, and outer joins Understand Oracle functions in depth, especially character, number, date, timestamp, interval, conversion, aggregate, regular expressions, analytical, and more Practice all types of subqueries, such as correlated and scalar subqueries, and

learn about set operators and hierarchical queries Build effective queries and learn fundamental Oracle SQL Developer and SQL*Plus skills Make the most of the Data Dictionary and create tables, views, indexes, and sequences Secure databases using Oracle privileges, roles, and synonyms Explore Oracle 11g's advanced data warehousing features Learn many practical tips about performance optimization, security, and architectural solutions Avoid common pitfalls and understand and solve common mistakes For every database developer, administrator, designer, or architect, regardless of experience!

[A Guide to EHR Adoption: Implementation Through Organizational Transformation](#) Jan 10 2021 A guide to EHR adoption: Implementation through organizational transformation product details : 1) Book gives details on lack of safety in today's healthcare system. 2) Proven methods, best practices and insights to enhance the high quality, patient safe care through EHR adoption. 3) It is helpful in guiding large and small health care facilities.

Innovation and Transformation Jan 22 2022 This book discusses a six-step transformation cycle in which the tasks of innovation management - ranked according to their relevance for companies - are placed in a systematic order. Presenting an in-depth discussion on innovation and transformation, the authors delve into strategic themes such as business models and strategic positioning, which are fundamental to the innovation process. It also describes the underlying processes and roles of innovation management, and the required organizational structures. Following process organization and organizational structure, the authors highlight how the appropriate human resource strategy should look and the manner of personnel selection or development to be implemented. The authors also provide tools and systems that are assigned to specific employees working with innovation management; these deal with innovation audit, knowledge management, idea management, financing and budgeting innovations, marketing and property rights. The book also sheds light on how the effectiveness of the innovation process can be monitored using indicator systems. This is a handy resource for managers looking for a structured strategy and how to implement it to achieve optimal innovation management and reap its benefits.

How Families Flourish Sep 25 2019 Revised, updated and expanded, How Families Flourish: A Workbook for Family Optimization provides simple to use worksheets to help you create a family map to help your family live "the good life," one of hope, optimism and resiliency. You will learn how to instill the characteristics of wisdom, courage, love and humanity, justice, temperance and transcendence in your children through action and example. You will identify the common traits and attitudes that optimized families share. You will learn how to create A Family Charter step-by-step, that will lead your family to better relationships with each other, decrease behavior problems and reward excellence. The techniques, interventions and exercises in this book are scientifically validated to be effective in transforming family systems. The foundations include applied positive psychology, cognitive behavioral therapy (CBT), secure attachment formation, systemic family therapy, mindfulness training, social learning theory positive discipline and other disciplines. If you are ready to take the next step to optimizing family functioning and developing a systematic approach to transforming your family from floundering to flourishing, this book is your guide.

[Transforming IT Culture](#) Dec 09 2020 Practical, proven guidance for transforming the culture of any IT department As more and more jobs are outsourced, and the economy continues to struggle, people are looking for an alternative to the greed-driven, selfish leadership that has resulted in corporations where the workers are treated as interchangeable parts. This book shows how the human factors can be used to unlock higher returns on human capital such that workers are no longer interchangeable parts, but assets that are cared about and grown. Refreshingly innovative, Transforming IT Culture shows how neuroscientific and psychological research can be applied in the IT workplace to unleash a vast pool of untapped potential. Written by an expert on IT culture transformation Considers the widespread "cultural blindness" in business today, and how it can be addressed Draws on the author's repeated success transforming IT divisions across major corporations by applying the human factors Explains why social intelligence, human factors, and collaboration are the source of harmony, shared learning, mutual respect, and value creation

Employees want positive change in business, something to stop the downward spiral we are on, both financially and emotionally. Transforming IT Culture shows how the essential ingredient to any high performing IT department is a culture where employees are valued and managed to their strengths. Using the Information Technology profession as a lens through which we can understand knowledge worker productivity and how to seriously improve it, this important new book reveals why Collaborative Social Systems are essential to every organization.

Business Optimization Apr 12 2021 "It takes a structured and systematic approach to change a business model and successfully reengineer your company. Dr. Howes' approach to business optimization provides a logical and accountable methodology to transition your organization to the desired future state."

Pro SQL Server 2012 Integration Services May 14 2021 Pro SQL Server 2012 Integration Services teaches how to take advantage of the powerful extract, transform, and load (ETL) platform included with Microsoft SQL Server 2012. You'll learn to build scalable, robust, performance-driven enterprise ETL solutions that save time and make money for your company. You'll learn to avoid common ETL development pitfalls and how to extend the power of your ETL solutions to include virtually any possible transformation on data from any conceivable source. SQL Server Integration Services (SSIS) facilitates an unprecedented ability to load data from anywhere, perform any type of manipulation on it, and store it to any source. Whether you are populating databases, retrieving data from the Web, or performing complex calculations on large data sets, SSIS gives you the tools to get the job done. And this book gives you the knowledge to take advantage of everything SSIS offers. Helps you design and develop robust, efficient, scalable ETL solutions Walks you through using the built-in, stock components Shows how to programmatically extend the power of SSIS to cover any possible scenario

Landing Page Optimization Mar 31 2020 How much money are you losing because of poor landing page design? In this comprehensive, step-by-step guide, you'll learn all the skills necessary to dramatically improve your bottom line, including identifying mission critical parts of your website and their true economic value, defining important visitor classes and key conversion tasks, gaining insight on customer decision-making, uncovering problems with your page and deciding which elements to test, developing an action plan, and avoiding common pitfalls. Includes a companion website and a detailed review of the Google Website Optimizer tool.

Wide Area Network Design Feb 29 2020 As the cost of building and upgrading complex, large-scale networks skyrockets, carefully crafted network designs become critical- a savings of as little as 5% in your network can amount to tens of thousands of dollars per month. Wide Area Network Design: Concepts and Tools for Optimization provides the information you need to tackle the challenges of designing a network that meets your performance goals within the cost constraints of your organization. If you are considering public service alternatives such as frame relay, designing your own network with the tools provided in this book will empower you to estimate cost savings and evaluate bids from competing carriers. Intended for network designers, planners, and architects, this book enables you to estimate traffic flows and requirements in your network and explains how to use various algorithms to design a network which must meets these requirements. Features: Presents underlying design principles to help you understand emerging and future networking protocols and technologies Provides cost and traffic generators for estimating these parameters in your network Introduces the unique IncreMENTOR algorithm which can help avert disaster when the traffic flows in your network have changed

Unleashing Your Inner Leader Oct 26 2019 Leverage your brand of leadership for maximum results Unleashing Your Inner Leader: Executive Coach Tells All presents the premise that there is a powerful leader inside each of us. The focus is on real life exercises and case studies to help you discover, release, and leverage your inner leader: to reach heights in your career that you never thought possible. The book discusses the individual's impact on the organization and which professional behaviors most frequently demonstrate leadership competencies. Conduct a "forensic intervention" to find out what is going awry in your professional development, or what has gone

wrong in the past, and craft a strategy to overcome obstacles, gain unmistakable clarity about yourself, and focus your abilities to match organizational needs. Great leaders start their assessments from the inside out, and their passion is so strong that it permeates their organizations and builds the culture, regardless of rank. They inspire their teams by sharing the spotlight and encouraging coworkers to excel, operating with clean authenticity to maximize results. *Unleashing Your Inner Leader* helps you recognize where you fall on the leadership spectrum, and provides practical advice for shaping your brand of leadership to capitalize on your authentic capability and potential. You'll find expert insight as an executive business coach guides you to: Evaluate your strengths, values, and personal impact to craft a vision for the world around you Discover what's holding you back from maximum effectiveness Tap into your undiscovered potential, and inspire your team to excellence Recognize what it will take to move you and your organization to the next level It is often very difficult for leaders to see their own greatness, unlock it, and use it in a practical way to get results. Be the spark that ignites your team, and steer your own development toward becoming an impactful leader with *Unleashing Your Inner Leader*.

Industrial Digital Transformation May 26 2022 Delve into industrial digital transformation and learn how to implement modern business strategies powered by digital technologies as well as organization and cultural optimization Key Features Identify potential industry disruptors from various business domains and emerging technologies Leverage existing resources to identify new avenues for generating digital revenue Boost digital transformation with cloud computing, big data, artificial intelligence (AI), and the Internet of Things (IoT) Book Description Digital transformation requires the ability to identify opportunities across industries and apply the right technologies and tools to achieve results. This book is divided into two parts with the first covering what digital transformation is and why it is important. The second part focuses on how digital transformation works. After an introduction to digital transformation, you will explore the transformation journey in logical steps and understand how to build business cases and create productivity benefit statements. Next, you'll delve into advanced topics relating to overcoming various challenges. Later, the book will take you through case studies in both private and public sector organizations. You'll explore private sector organizations such as industrial and hi-tech manufacturing in detail and get to grips with public sector organizations by learning how transformation can be achieved on a global scale and how the resident experience can be improved. In addition to this, you will understand the role of artificial intelligence, machine learning and deep learning in digital transformation. Finally, you'll discover how to create a playbook that can ensure success in digital transformation. By the end of this book, you'll be well-versed with industrial digital transformation and be able to apply your skills in the real world. What you will learn Get up to speed with digital transformation and its important aspects Explore the skills that are needed to execute the transformation Focus on the concepts of Digital Thread and Digital Twin Understand how to leverage the ecosystem for successful transformation Get to grips with various case studies spanning industries in both private and public sectors Discover how to execute transformation at a global scale Find out how AI delivers value in the transformation journey Who this book is for This book is for IT leaders, digital strategy leaders, line-of-business leaders, solution architects, and IT business partners looking for digital transformation opportunities within their organizations. Professionals from service and management consulting firms will also find this book useful. Basic knowledge of enterprise IT and some intermediate knowledge of identifying digital revenue streams or internal transformation opportunities are required to get started with this book.

Convex Optimization Dec 21 2021 A comprehensive introduction to the tools, techniques and applications of convex optimization.

Computational Systems — Natural and Artificial Jun 14 2021 This book contains the invited papers presented at an international symposium held at Schloss Elmau, Bavaria (FRG), May 4-9, 1987. Leading experts from neurobiology, medicine, physics, and the computer sciences joined together to present and discuss their most recent results. A particular example of the natural computational systems discussed is the visual system of man and animals. A bridge between neural networks and

physical systems is provided by spin glass models of neural networks, which were also treated. Concrete realizations of new kinds of devices in microelectronics were among the further topics, as were general problems on the calculation of chaotic orbits. In this way these proceedings present a number of quite recent approaches to problems which are of great current interest in fields concerned with computational systems. Bringing together scientists from neurobiology, physics, and the computer sciences has been one of the main aims of the synergetics enterprise, and in particular of its international symposia, from the very beginning. For example, its first meeting held in 1972 at Schloss Elmau included, among others, papers by R. Landauer and J. W. F. Woo on cooperative phenomena in data processing, by W. Reichardt on mechanisms of pattern recognition by the visual system of insects, by B. Julesz on stereoscopic depth perception, and by H. R. Wilson on cooperative phenomena in a homogeneous cortical tissue model. Whole meetings and the corresponding proceedings were devoted to these problems, e. g.

Digital Supply Networks: Transform Your Supply Chain and Gain Competitive Advantage with Disruptive Technology and Reimagined Processes Nov 27 2019 Deliver unprecedented customer value and seize your competitive edge with a transformative digital supply network Digital tech has disrupted life and business as we know it, and supply chain management is no exception. But how exactly does digital transformation affect your business? What are the breakthrough technologies and their capabilities you need to know about? How will digital transformation impact skills requirements and work in general? Do you need to completely revamp your understanding of supply chain management? And most importantly: How do you get started? Digital Supply Networks provides clear answers to these and many other questions. Written by an experienced team comprised of Deloitte consultants and leading problem-driven scholars from a premier research university, this expert guide leads you through the process of improving operations building supply networks, increasing revenue, reimagining business models, and providing added value to customers, stakeholders, and society. You'll learn everything you need to know about: Stages of development, roles, capabilities, and the benefits of DSN Big data analytics including its attributes, security, and authority Machine learning, Artificial Intelligence, Blockchain, robotics, and the Internet of Things Synchronized planning, intelligent supply, and digital product development Vision, attributes, technology, and benefits of smart manufacturing, dynamic logistics, and fulfillment A playbook to guide the digital transformation journey Drawing from real world-experience and problem-driven academic research, the authors provide an in-depth account of the transformation to digitally connected supply networks. They discuss the limitations of traditional supply chains and the underlying capabilities and potential of digitally-enabled supply flows. The chapters burst with expert insights and real-life use cases grounded in tomorrow's industry needs. Success in today's hyper-competitive, fast-paced business landscape, characterized by the risk of black swan events, such as the 2020 COVID-19 global pandemic, requires the reimagination and the digitalization of complex demand-supply systems, more collaborative and connected processes, and smarter, more dynamic data-driven decision making—which can only be achieved through a fully integrated Digital Supply Network.

Demand-Driven Inventory Optimization and Replenishment Feb 20 2022 Remove built-in supply chain weak points to more effectively balance supply and demand Demand-Driven Inventory Optimization and Replenishment shows how companies can support supply chain metrics and business initiatives by removing the weak points built into their inventory systems. Beginning with a thorough examination of Just in Time, Efficient Consumer Response, and Collaborative Forecasting, Planning, and Replenishment, this book walks you through the mathematical shortcuts set up in your management system that prevent you from attaining supply chain excellence. This expanded second edition includes new coverage of inventory performance, business verticals, business initiatives, and metrics, alongside case studies that illustrate how optimized inventory and replenishment delivers results across retail, high-tech, men's clothing, and food sectors. Inventory optimization allows you to avoid out-of-stock situations without impacting the bottom line with excessive inventory

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meet demand without sacrificing the cost-effectiveness of other supply chain strategies. The trick, however, is determining "just the right amount"—and this book provides the background and practical guidance you need to do just that. Examine the major supply chain strategies of the last 30 years Remove the shortcuts that prohibit supply chain excellence Optimize your supply/demand balance in any vertical Overcome systemic weaknesses to strengthen the bottom line Inventory optimization is benefitting companies around the world, as exemplified here by case studies involving Matas, PWT, Wistron, and Amway. When inefficiencies are built into the system, it's only smart business to identify and remove them—and implement a new streamlined process that runs like a well-oiled machine. Demand-Driven Inventory Optimization and Replenishment is an essential resource for exceptional supply chain management.

Transforming Healthcare Analytics Jun 02 2020 Real-life examples of how to apply intelligence in the healthcare industry through innovative analytics Healthcare analytics offers intelligence for making better healthcare decisions. Identifying patterns and correlations contained in complex health data, analytics has applications in hospital management, patient records, diagnosis, operating and treatment costs, and more. Helping healthcare managers operate more efficiently and effectively. Transforming Healthcare Analytics: The Quest for Healthy Intelligence shares real-world use cases of a healthcare company that leverages people, process, and advanced analytics technology to deliver exemplary results. This book illustrates how healthcare professionals can transform the healthcare industry through analytics. Practical examples of modern techniques and technology show how unified analytics with data management can deliver insight-driven decisions. The authors—a data management and analytics specialist and a healthcare finance executive—share their unique perspectives on modernizing data and analytics platforms to alleviate the complexity of the healthcare, distributing capabilities and analytics to key stakeholders, equipping healthcare organizations with intelligence to prepare for the future, and more. This book: Explores innovative technologies to overcome data complexity in healthcare Highlights how analytics can help with healthcare market analysis to gain competitive advantage Provides strategies for building a strong foundation for healthcare intelligence Examines managing data and analytics from end-to-end, from diagnosis, to treatment, to provider payment Discusses the future of technology and focus areas in the healthcare industry Transforming Healthcare Analytics: The Quest for Healthy Intelligence is an important source of information for CFO's, CIO, CTO, healthcare managers, data scientists, statisticians, and financial analysts at healthcare institutions.

Total Value Optimization Oct 31 2022 Achieving Competitive Advantage Today's corporate leaders are under increasing pressure to deliver differentiated, lasting performance, fast. Industry 4.0 is driving new business models, with competitors becoming more numerous, more formidable, and more global. This puts profitability at risk as whole supply chains shift in industries. By placing customer value at the heart of their businesses, through a demand-driven digital supply chain, Total Value Optimization (TVO) goes beyond traditional approaches to ensure your company not only survives, but thrives "Steven Bowen provides a clear pathway to transform your supply chain into the ultimate competitive weapon. The Total Value Optimization (TVO) framework, resting on a foundation of data analytics, is the best approach we have seen to achieve integrated supply chain excellence in logistics, operations, and procurement." --J. Paul Dittmann, Ph.D. Executive Director, Global Supply Chain Institute, University of Tennessee "After applying TVO across three corporations, both public and private equity owned, we generated \$290 million in EBITDA, \$310 million in cash, and growth through improved customer responsiveness. Every company and CEO should consider implementing TVO." --James R. Voss, CEO Vectra "Grounded in data analytics, Total Value Optimization is essential for companies looking to survive and thrive in today's fast-paced and ever-changing business environment. Steve Bowen's book offers a solid framework for executives in search of an engaging, thoughtful, and comprehensive approach toward achieving supply chain excellence."--John D. Baumann, President and CEO, Colony Brands, Inc.

Speed Up Your Site Aug 17 2021 Discusses the benefits and techniques of creating faster and more efficient web sites, covering topics such as user psychology, response time, file size, and bandwidth.

Mobile Learning Jan 28 2020 Explore the game-changing technology that allows mobile learning to effectively reach K-12 students *Mobile Learning: A Handbook for Developers, Educators and Learners* provides research-based foundations for developing, evaluating, and integrating effective mobile learning pedagogy. Twenty-first century students require twenty-first century technology, and mobile devices provide new and effective ways to educate children. But with new technologies come new challenges—therefore, this handbook presents a comprehensive look at mobile learning by synthesizing relevant theories and drawing practical conclusions for developers, educators, and students. Mobile devices—in ways that the laptop, the personal computer, and netbook computers have not—present the opportunity to make learning more engaging, interactive, and available in both traditional classroom settings and informal learning environments. From theory to practice, *Mobile Learning* explores how mobile devices are different than their technological predecessors, makes the case for developers, teachers, and parents to invest in the technology, and illustrates the many ways in which it is innovative, exciting, and effective in educating K-12 students. Explores how mobile devices can support the needs of students Provides examples, screenshots, graphics, and visualizations to enhance the material presented in the book Provides developers with the background necessary to create the apps their audience requires Presents the case for mobile learning in and out of classrooms as early as preschool Discusses how mobile learning enables better educational opportunities for the visually impaired, students with Autism, and adult learners. If you're a school administrator, teacher, app developer, or parent, this topical book provides a theoretical, well-researched discussion of the pedagogical theory and mobile learning, as well as practical advice in setting up a mobile learning strategy.

Intermittent Fasting Transformation Feb 08 2021 Discover the customized nutrition plan that will help you be lean, fit, more youthful, sexier, and full of energy—at every stage of life. Designed specifically for women, this individualized six-week intermittent fasting program is the sustainable solution to help you feel and look your absolute best. Based on the scientifically proven 16:8 fasting model, what makes this program unique is that it is geared toward your hormonal needs at every stage in life—whether you are cycling or in perimenopause, menopause, or beyond. *Intermittent Fasting Transformation* will help you: • lose weight steadily and burn fat without hunger, cravings, or plateaus—and keep it off • balance your hormones for better metabolic health and wellness, while easing symptoms associated with perimenopause and menopause • experience a huge boost in physical and mental energy all day long • learn what foods best support weight loss, detoxification, and overall health • lift brain fog and help you sleep better • put aging in reverse . . . and so much more. Cynthia Thurlow, a nurse practitioner and an internationally known women's health expert whose viral TEDx Talk has received more than 10 million views, developed this breakthrough plan after entering perimenopause in her forties. Intermittent fasting didn't just help her lose weight; she had more energy, fewer cravings, and lower blood glucose levels. Thurlow has now worked with thousands of women in her private practice to make her unique program of intermittent fasting work for them, too. With meal plans and 50 recipes, along with advice for supercharging your fast, this plan will transform your life, slow down the aging process, and help you reclaim your health and well-being.

[The Road to Azure Cost Governance](#) Sep 05 2020 Get to grips with Microsoft Azure cost management and gain complete, reliable, and sustainable control of your cloud spend **Key Features** Explore resource rightsizing and cleanup methods and their implementation Learn key resource usage optimization concepts Understand app optimization and plan for optimized and sustainable cloud native applications **Book Description** Cloud teams and ICT cost controllers working with Azure will be able to put their knowledge to work with this practical guide, introducing a process model for structured cost governance. *The Road to Azure Cost Governance* is a must-read if you find yourself facing the harsh reality of monthly cloud costs gradually getting out of control. Starting with how resources are created and managed, everything you need to know in order to track, display, optimize, rightsize, and clean up cloud resources will be tackled with a workflow approach that will leave the choice of operation to you (be it the Azure CLI, automation, logic apps,

or even custom code). Using real-world datasets, you'll learn everything from basic cost management to modeling your cloud spend across your technical resources in a sustainable way. The book will also show you how to create a recursive optimization process that will give you full control of spending and savings, while helping you reserve budget for future cloud projects and innovation. By the end of this Azure book, you'll have a clear understanding and control of your cloud spend along with knowledge of a number of cost-saving techniques used by companies around the world, application optimization patterns, and the carbon impact of your cloud infrastructure. What you will learn

- Use Azure reporting, monitoring, and configurations to model your cloud resources and make costs clearer
- Discover resource-saving techniques and put them into practice
- Establish a continuous clean-up and rightsizing process
- Explore and implement automation to drive recurrent savings
- Find out how to use Azure Reservations in the best possible way
- Get started with building cloud native, cost-optimized applications
- Get to grips with implementing cost- and carbon-aware applications on Azure

Who this book is for If you're someone who deals with Azure cloud costs and has a technical background, this book will help you understand and control your cloud spending. This book is for decision-makers, cloud managers, cloud architects, cost controllers, and software solution professionals working with Microsoft cloud services in Azure and looking to build optimized solutions for their enterprise operations.

Combinatorial Optimization Oct 19 2021 This graduate-level text considers the Soviet ellipsoid algorithm for linear programming; efficient algorithms for network flow, matching, spanning trees, and matroids; the theory of NP-complete problems; local search heuristics for NP-complete problems, more. 1982 edition.

Technology Optimization and Change Management for Successful Digital Supply Chains Jul 16 2021 "This book provides a guide to the best practices in digital enablement, change management, and process optimization. It also builds on the available limited literature in the field of digital supply chain optimization and business transformation and complement it with practical and proven tactics from the industry"--

Telecom Extreme Transformation Sep 17 2021 Telecommunication companies deliver digital bits to the customers for a fee. There are two kinds of bits: "fast and faster dumb bits" which is capital intensive with low margins, and "intelligent bits" with additional content component and with higher margin. Traditional Communication Service Providers (CSPs) have gone through transformation after transformation over the past several decades. All past transformations have had one thing in common, that is the delivery of faster dumb bits, leveraging the technology evolution from analog to digital, to wireless, to IP. The next wave of transformations will be very different, we call it extreme transformation, in that the CSPs have to become a Digital Service Provider (DSP) to stay relevant. In the DSP world, with billions of sensors and IoT devices, digital lifestyle will be enabled by data mining and analytics, leading to decision making, and entertainment. The extreme transformation from a CSP to a DSP status is covered in this book, specifically: Redefinition of the offerings of "connectivity services" to "digital services"; unification of legacy redundant networks into one; Redefinition of the measurements to customer-centric QoE for all digital and connectivity services; the Best-in-Industry processes and practices to ensure a sustainable network performance at a competitively operational efficiency; a Service-over-IP (SoIP) platform to enable the introduction of unified new services with a time-to-market urgency; the regulatory arrangement for content purification, to liberalize CSPs to become DSPs; an architecture for data mining and analytics; and a migration plan from a CSP to a DSP status. The book is recommended for telecom and digital service professionals planning to embark on transformational projects; telecom and technology equipment manufacturers to help with product development for a DSP status; institutional investors to evaluate and establish their investment decisions; telecom management consultants to help with a solid benchmark for transformation engagement; university students, majoring in telecommunication and technology products as a guide for career planning.

Transforming Your Business with AWS Aug 29 2022 Expert guidance on how to use Amazon Web Services to supercharge your digital services business In Transforming Your Business with AWS:

Getting the Most Out of Using AWS to Modernize and Innovate Your Digital Services, renowned international consultant and sought-after speaker Philippe Abdoulaye delivers a practical and accessible guide to using Amazon Web Services to modernize your business and the digital services you offer. This book provides you with a concrete action plan to build a team capable of creating world-class digital services and long-term competitive advantages. You'll discover what separates merely average digital service organizations from the truly outstanding, as well as how moving to the cloud will enable your business to deliver your services faster, better, and more efficiently. This book also includes: A comprehensive overview of building industry-leading digital service delivery capabilities, including discussions of the development lifecycle, best practices, and AWS-based development infrastructure Explanations of how to implement a digital business transformation strategy An exploration of key roles like DevOps Continuous Delivery, Continuous Deployment, Continuous Integration, Automation, and DevSecOps Hands-on treatments of AWS application management tools, including Elastic Beanstalk, CodeDeploy, and CodePipeline Perfect for executives, managers, and other business leaders attempting to clarify and implement their organization's digital vision and strategy, Transforming Your Business with AWS is a must-read reference that answers the "why" and, most importantly, the "how," of digital transformation with Amazon Web Services.

The Science of Dream Teams: How Talent Optimization Can Drive Engagement, Productivity, and Happiness Mar 24 2022 WALL STREET JOURNAL BESTSELLER From the CEO of The Predictive Index, the leader in talent optimization, comes Moneyball for HR and people management How do you find the perfect person for the job in a stack of hundreds of resumes? Why do some teams succeed while others—made up of equally talented people—stumble? If the quality of your workforce is your company's most important asset, then why are your managers still basing these critical decisions primarily on interviews and their gut instincts? In *The Science of Dream Teams*, Mike Zani details a data-driven approach to talent optimization that makes hiring, motivating, and managing people more efficient and effective than ever. It employs sophisticated assessments, tools, and software that enable leaders to: measure the traits and characteristics that predict success in a role or fit on a team build finely tuned project teams and well-balanced leadership teams boost employee productivity, engagement, retention—and happiness unlock the hidden potential of individual workers and your organization as a whole Whatever the business or industry, this game-changing approach has the power to unlock an unbeatable competitive advantage. *The Science of Dream Teams* will show you how.

Issues in Global Business May 02 2020 In 2020, COVID-19 starkly demonstrated the global interconnectedness of business, as it disrupted supply chains and manufacturing operations, broadly shuttered retail stores, and led to restrictions on movement and travel around the world. Other events in 2019 also showcased the undeniable globalization of business, be it from the (un)expected ramifications of Brexit to the impacts of data breaches across various industries. Riots in Hong Kong over an extradition bill also sparked huge debate and controversy, and the U.S.-China trade war also caused concern. All of these events may have largely and immediately impacted one region, yet effects reverberate across larger swathes of the globe—ultimately affecting vast areas, industries, and sectors across the international landscape. *Issues in Global Business* explores all of these and more, across a wide range of topics, including the on-demand economy, global manufacturing, Bitcoin, data security, and many more. Coupled with a comprehensive overview of the business landscape around the world by Dr. Mamoun Benmamoun, an assistant professor at the Boeing Institute of International Business at Saint Louis University, this book provides students with the essential information they need to assess business practices through an international lens.

Optimarketing Apr 24 2022 Optimarketing is about optimizing every major aspect of your marketing. In "Optimarketing: Marketing Optimization to Electrify Your Business," Robert Rosenthal shares lessons learned from thousands of marketing tests, dozens of record-breaking campaigns, and more than a century of marketing history. Readers are treated to more than 75 original essays and 12 case examples on what it genuinely takes to optimize marketing results. Rosenthal, founder of the award-

winning Contenteurs marketing agency, reveals: * A characteristic the best marketers have in common * What it took to achieve tenfold response rate improvement for a Fortune 1,000 marketer * The marketing component that matters most when swinging for the fences * How innovators optimize every major marketing element * What great marketing campaigns have in common * Organic ways to grow groundbreaking marketing ideas * The marketing technique that almost always raises response rates * How to easily and quickly run high-impact marketing tests * Tips on rapidly evolving your optimal marketing mix * How to turn your website into a bigger revenue driver * Techniques to beat successful marketing approaches in measurable terms * What it takes to optimize your marketing content across media - including social * Strategies and tactics to optimize lead generation and one-step selling * What every marketer should know about concepts, copy, and graphic design * How to build a reliable "marketing machine" * A special section, "The Mind of the Optimarketer" "Optimarketing: Marketing Optimization to Electrify Your Business" is required reading for everyone out to optimize their marketing. Discover how to transform your marketing outcomes, run the most profitable marketing of your career, and make your work more fulfilling. *Website Optimization* Jul 28 2022 Provides advice on Web site design and Internet marketing to increase traffic, response time, and sales.

Recurrent Neural Networks with Python Quick Start Guide Jul 24 2019 Learn how to develop intelligent applications with sequential learning and apply modern methods for language modeling with neural network architectures for deep learning with Python's most popular TensorFlow framework. Key Features Train and deploy Recurrent Neural Networks using the popular TensorFlow library Apply long short-term memory units Expand your skills in complex neural network and deep learning topics Book Description Developers struggle to find an easy-to-follow learning resource for implementing Recurrent Neural Network (RNN) models. RNNs are the state-of-the-art model in deep learning for dealing with sequential data. From language translation to generating captions for an image, RNNs are used to continuously improve results. This book will teach you the fundamentals of RNNs, with example applications in Python and the TensorFlow library. The examples are accompanied by the right combination of theoretical knowledge and real-world implementations of concepts to build a solid foundation of neural network modeling. Your journey starts with the simplest RNN model, where you can grasp the fundamentals. The book then builds on this by proposing more advanced and complex algorithms. We use them to explain how a typical state-of-the-art RNN model works. From generating text to building a language translator, we show how some of today's most powerful AI applications work under the hood. After reading the book, you will be confident with the fundamentals of RNNs, and be ready to pursue further study, along with developing skills in this exciting field. What you will learn Use TensorFlow to build RNN models Use the correct RNN architecture for a particular machine learning task Collect and clear the training data for your models Use the correct Python libraries for any task during the building phase of your model Optimize your model for higher accuracy Identify the differences between multiple models and how you can substitute them Learn the core deep learning fundamentals applicable to any machine learning model Who this book is for This book is for Machine Learning engineers and data scientists who want to learn about Recurrent Neural Network models with practical use-cases. Exposure to Python programming is required. Previous experience with TensorFlow will be helpful, but not mandatory.

The The Economics of Data, Analytics, and Digital Transformation Aug 24 2019 Build a continuously learning and adapting organization that can extract increasing levels of business, customer and operational value from the amalgamation of data and advanced analytics such as AI and Machine Learning Key Features Master the Big Data Business Model Maturity Index methodology to transition to a value-driven organizational mindset Acquire implementable knowledge on digital transformation through 8 practical laws Explore the economics behind digital assets (data and analytics) that appreciate in value when constructed and deployed correctly Book Description In today's digital era, every organization has data, but just possessing enormous amounts of data is not a sufficient market discriminator. The Economics of Data, Analytics, and

Digital Transformation aims to provide actionable insights into the real market discriminators, including an organization's data-fueled analytics products that inspire innovation, deliver insights, help make practical decisions, generate value, and produce mission success for the enterprise. The book begins by first building your mindset to be value-driven and introducing the Big Data Business Model Maturity Index, its maturity index phases, and how to navigate the index. You will explore value engineering, where you will learn how to identify key business initiatives, stakeholders, advanced analytics, data sources, and instrumentation strategies that are essential to data science success. The book will help you accelerate and optimize your company's operations through AI and machine learning. By the end of the book, you will have the tools and techniques to drive your organization's digital transformation. Here are a few words from Dr. Kirk Borne, Data Scientist and Executive Advisor at Booz Allen Hamilton, about the book: Data analytics should first and foremost be about action and value. Consequently, the great value of this book is that it seeks to be actionable. It offers a dynamic progression of purpose-driven ignition points that you can act upon. What you will learn

Train your organization to transition from being data-driven to being value-driven
Navigate and master the big data business model maturity index
Learn a methodology for determining the economic value of your data and analytics
Understand how AI and machine learning can create analytics assets that appreciate in value the more that they are used
Become aware of digital transformation misconceptions and pitfalls
Create empowered and dynamic teams that fuel your organization's digital transformation

Who this book is for This book is designed to benefit everyone from students who aspire to study the economic fundamentals behind data and digital transformation to established business leaders and professionals who want to learn how to leverage data and analytics to accelerate their business careers.

The Smart Supply Chain Jul 04 2020 "... a can-do business strategy approach for all supply chain managers and business leaders". - MJ Park, Supply Chain Team Leader, GM Korea. "... a rare book on supply chain strategy and a must read for start-ups". - YH Li, Supply Chain Manager, Shanghai GM. "Shawn Paul represents the best of what global business can be. As someone who has a deep understanding of engineering and regulatory processes and challenges across the US, Asia and EU, he is able to identify collaborative relationships others overlook.... Shawn Paul is expanding the way business gets done and reaches out across organizational and geographic boundaries to ensure that the best solutions find their way to market and the customers who need them. A true global thinker, innovator and leader." - Mark Roser, Innovation & NPD consultant, Founder @ Open Innovators. "[Shawn Paul] ... His attention to detail, ability in understanding execution timing, place him in a very special group of project managers. His experience in China and Korea lend credence to his ability to work at a global perspective." - Bob Conn, Operations Manager, General Motors. "[Shawn Paul] ... a real problem solver with a calm, distinct character that's a rare find in the industry. Shawn has proven his capability of managing high performance teams. He is a leader and a mentor to many." - Mike Dickey, Thyssen Krupp.