Reading free Mastering the hype cycle gartner inc (2023)

Mastering the Hype Cycle DX Electronic Commerce Wireless Sensor Networks Insurance Transformed Social Commerce Trust, Security and Privacy for Big Data Managing E-commerce in Business Applied Computer Sciences in Engineering Emerging Technologies for Education Knowledge Management in Organizations Democratization of Artificial Intelligence for the Future of Humanity Integrated Digital Marketing in Practice The Healthcare Information Technology Fieldbook Smart Water Technologies and Techniques Cross-Cultural Design It's All Analytics! Managing Technology for Business Value Virtual Worlds: The Virtual Reality and Augmented Reality Intersections Learning Intelligence: Innovative and Digital Transformative Learning Strategies Innovation in Financial Services Technology Adoption and Social Issues: Concepts, Methodologies, Tools, and Applications Collective Action 2.0 The Innovative CIO The Routledge Companion to International Management Education The CEO's Guide to Cloud Computing Proceedings on 18th International Conference on Industrial Systems – IS'20 Social Media and Networking: Concepts, Methodologies, Tools, and Applications Managing Marketing Loosely Coupled Entrepreneurship in a European Perspective Advanced Practice and Leadership in Radiology Nursing Blockchain Foundations Lean Software Development in Action 49 Digital Water

Mastering the Hype Cycle 2008-10-14 it happens over and over again some innovation a new product a management trend comes along that captures the public s imagination everybody joins the parade with great fanfare and high expectations this next big thing promises to transform the companies that adopt it and inflict great peril on those that don t then when the innovation fails to deliver as promised immediately everyone starts bailing out investments are wasted stock prices plunge disillusionment sets in it doesn t have to be this way in mastering the hype cycle jackie fenn and mark raskino explain what drives this pattern and how your company can avoid its potential dangers by understanding the hype cycle you can ride it more skillfully timing your investment decisions so that the innovations you adopt stand the best chance of succeeding in the long term drawing on company examples and gartner s proven street scope track rank evaluate evangelize transfer framework the authors show how to orchestrate the key steps in the innovation adoption process from choosing which innovations to take on and when in their life cycle you should adopt to paving the way for a successful introduction the hype cycle isn t going away but this book arms you with the strategies you need to ride the crest of a new idea to success and steer clear of the trough of disillusionment

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Electronic Commerce 2015-01-29 throughout the book theoretical foundations necessary for understanding electronic commerce ec are presented ranging from consumer behavior to the economic theory of competition furthermore this book presents the most current topics relating to ec as described by a diversified team of experts in a variety of fields including a senior vice president of an e commerce related company the authors provide website resources numerous exercises and extensive references to supplement the theoretical presentations at the end of each chapter a list of online resources with links to the websites is also provided additionally extensive vivid examples from large corporations small businesses from different industries and services governments and nonprofit agencies from all over the world make concepts come alive in electronic commerce these examples which were collected by both academicians and practitioners show the reader the capabilities of ec its cost and justification and the innovative ways corporations are using ec in their operations in this edition previous editions published by pearson prentice hall the authors bring forth the latest trends in e commerce including social businesses social networking social collaboration innovations and mobility

Wireless Sensor Networks 2010-09-14 the twentieth century ended with the vision of smart dust a network of wirelessly connected devices whose size would match that of a dust particle each one a se containedpackageequippedwithsensing computation communication andpower smart dust held the promise to bridge the physical and digital worlds in the most unobtrusive manner blending together realms that were previously considered well separated applications involved scattering hundreds or even thousands of smart dust devices to monitor various environmental quantities in scenarios ranging from habitat monitoring to disaster management the devices were envisioned to se organize to accomplish their task in the most ef cient way as such smart dust would become a powerful tool assisting the daily activities of scientists and en neers in a wide range of disparate disciplines wireless sensor networks wsns as we know them today are the most no worthy attempt at implementing the smart dust vision in the last decade this eld has seen a fast growing investment from both academia and industry signi cant nancial resources and manpower have gone into making the smart dust vision a reality through wsns yet we still cannot claim complete success at present only specialist computerscientists or computerengineershave the necessary background to walk the road from conception to a nal deployed and running wsn system

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Insurance Transformed 2017-10-16 this book explores how a range of innovative disruptive technologies is about to combine to transform the insurance industry the products it produces and the way the industry is managed it argues that unless current insurance providers react to these waves of disruption they will be swept away by new innovators the book describes what

insurers need to do to survive the main aim is to get insurers to reimagine their industry away from the sale of a one off product into the sale of a series of real time data based risk services while parts of these disruptions have been discussed this book is the first to bring all the issues together and unites them using a theoretical framework this book is essential reading for insurance industry participants as well as to academics interested in insurance and understanding the key issues the industry currently faces

Social Commerce 2015-11-17 this is a multidisciplinary textbook on social commerce by leading authors of e commerce and e marketing textbooks with contributions by several industry experts it is effectively the first true textbook on this topic and can be used in one of the following ways textbook for a standalone elective course at the undergraduate or graduate levels including mba and executive mba programs supplementary text in marketing management or information systems disciplines training courses in industry support resources for researchers and practitioners in the fields of marketing management and information management the book examines the latest trends in e commerce including social businesses social networking social collaboration innovations and mobility individual chapters cover tools and platforms for social commerce supporting theories and concepts marketing communications customer engagement and metrics social shopping social customer service and crm contents the social enterprise innovative applications strategy and performance management and implementing social commerce systems each chapter also includes a real world example as an opening case application cases and examples exhibits a chapter summary review questions and end of chapter exercises the book also includes a glossary and key terms as well as supplementary materials that include powerpoint lecture notes an instructor s manual a test bank and five online tutorials

Trust, Security and Privacy for Big Data 2022-06-30 data has revolutionized the digital ecosystem readily available large datasets foster ai and machine learning automated solutions the data generated from diverse and varied sources including iot social platforms healthcare system logs bio informatics etc contribute to and define the ethos of big data which is volume velocity and variety data lakes formed by the amalgamation of data from these sources requires powerful scalable and resilient storage and processing platforms to reveal the true value hidden inside this data mine data formats and its collection from various sources not only introduce unprecedented challenges to different domains including iot manufacturing smart cars power grids etc but also highlight the security and privacy issues in this age of big data security and privacy in big data is facing many challenges such as generative adversary networks efficient encryption and decryption algorithms encrypted information retrieval attribute based encryption attacks on availability and reliability providing security and privacy for big data storage transmission and processing have been attracting much attention in all big data related areas the book provides timely and comprehensive information for researchers and industry partners in communications and networking domains to review the latest results in security and privacy related work of big data it will serve computer science and cybersecurity communities including researchers academicians students and practitioners who have interest in big data trust privacy and security aspects it is a comprehensive work on the most recent developments in security of datasets from varied sources including iot cyber physical domains big data architectures studies for trustworthy computing and approaches for distributed systems and big data security solutions etc

Managing E-commerce in Business 2008-02-27 information and communication technology ict is becoming indispensable in the spheres of business government education and entertainment it makes internet marketing e government e learning and online chat services possible and its commercial aspect e commerce is part of this trend today no business training is complete without the inclusion of at least the basics of e commerce but although e commerce has opened up new opportunities it also presents threats and risks the success of e commerce hinges on security and trust every business manager should therefore have a fundamental awareness of the meaning of e commerce and ict security and risk management this second edition provides guidelines for overcoming these challenges by exploring the ways in which entrepreneurs and managers should co operate with it experts to exploit opportunities and combat the threats imposed by new technologies

Applied Computer Sciences in Engineering 2017-01-02 this book constitutes the refereed proceedings of the third workshop on engineering applications wea 2016 held in bogotá colombia in september 2016 the 35 revised full papers presented were carefully reviewed and selected from 128 submissions the papers are organized in topical sections on computer science computational intelligence simulation systems fuzzy sets and systems power systems miscellaneous applications

Emerging Technologies for Education 2017-12-15 this book constitutes the thoroughly refereed post workshop proceedings of the second international symposium sete 2017 held in conjunction with icwl 2017 cape town south africa in september 2017 the 52 full and 13 short papers were carefully reviewed and selected from 123 submissions this symposium attempts to provide opportunities for the crossfertilization of knowledge and ideas from researchers in diverse fields that make up this interdisciplinary research area

Knowledge Management in Organizations 2017-08-07 this book contains the refereed proceedings of the 12th international conference on knowledge management in organizations kmo 2017 held in beijing china in august 2017 the theme of the conference was emerging technology and knowledge management in organizations the 45 contributions accepted for kmo 2017 were selected from 112 submissions and are organized in topical sections on knowledge management models and behaviour studies knowledge sharing knowledge transfer and learning knowledge and service innovation knowledge and organization information systems research value chain and supply chain knowledge re presentation and reasoning data mining and intelligent science big data management internet of things and network

Democratization of Artificial Intelligence for the Future of Humanity 2021-01-18 artificial intelligence ai stands out as a transformational technology of the digital age its practical applications are growing very rapidly one of the chief reasons ai

applications are attaining prominence is in its design to learn continuously from real world use and experience and its capability to improve its performance it is no wonder that the applications of ai span from complex high technology equipment manufacturing to personalized exclusive recommendations to end users many deployments of ai software given its continuous learning need require computation platforms that are resource intense and have sustained connectivity and perpetual power through central electrical grid in order to harvest the benefits of ai revolution to all of humanity traditional ai software development paradigms must be upgraded to function effectively in environments that have resource constraints small form factor computational devices with limited power devices with intermittent or no connectivity and or powered by non perpetual source or battery power the aim this book is to prepare current and future software engineering teams with the skills and tools to fully utilize ai capabilities in resource constrained devices the book introduces essential ai concepts from the perspectives of full scale software development with emphasis on creating niche blue ocean small form factored computational environment products

Integrated Digital Marketing in Practice 2023-04-30 a comprehensive guide to the transformative effect of digital technologies on all of the key practices of marketing considering a broad range of organization types sizes and markets with a wide range of learning features and instructor resources

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The Healthcare Information Technology Fieldbook 2008 an insightful examination of smart water systems and technology inland water supplies are under increasing pressure climate social and demographic change have begun tipping the balance toward demand management as supplies begins to dwindle water and wastewater infrastructure will play a central role in the management of this increasingly valuable resource and smart water technologies and techniques data capture and analysis for sustainable water management provides insight on a key part of the solution smart water applications optimise the way water and wastewater services are used allowing more efficient allocation of limited resources while adding flexibility to the system automation real time data capture and rapid interpretation allow utilities and users to monitor manage and act on the part of the water cycle that matters to them minimizing costs of providing service through optimal use of extant assets this book brings together the core principles key developments and current state of the art into a single resource that considers smart water within operational economic policy and regulatory contexts provides a comprehensive overview of the smart water concept and the latest advances in the field examines key considerations and objections raised to date discusses the potential value of smart water from perception to policy shows how smart water systems can optimize efficiency and flexibility of water and wastewater management explores future directions for smart water development in the pursuit of balanced supply and demand although primarily designed for water supply and sanitation smart water systems may be applied to irrigation reservoir and dam management inland water flows and more making it a valuable asset as water scarcity begins to spread around the globe this book answers the questions assuages concerns and explains the technology that could revolutionize the way water is accessed and supplied

Smart Water Technologies and Techniques 2018-04-30 this three volume set of ccd 2023 constitutes the refereed proceedings of the 25th international conference on cross cultural design ccd 2023 held as part of the 24th international conference hci international 2023 which took place in july 2023 in copenhagen denmark the total of 1578 papers and 396 posters included in the hcii 2023 proceedings volumes was carefully reviewed and selected from 7472 submissions the papers of ccd 2023 part ii address topics related to user experience design in emerging technologies future focused design as well as culturally informed design of automated and intelligent systems

Cross-Cultural Design 2023-07-08 it s all analytics the foundations of ai big data and data science landscape for professionals in healthcare business and government 978 0 367 35968 3 325690 professionals are challenged each day by a changing landscape of technology and terminology in recent history especially in the last 25 years there has been an explosion of terms and methods that automate and improve decision making and operations one term analytics is an overarching description of a compilation of methodologies but ai artificial intelligence statistics decision science and optimization which have been around for decades have resurged also things like business intelligence online analytical processing olap and many many more have been born or reborn how is someone to make sense of all this methodology and terminology this book the first in a series of three provides a look at the foundations of artificial intelligence and analytics and why readers need an unbiased understanding of the subject the authors include the basics such as algorithms mental concepts models and paradigms in addition to the benefits of machine learning the book also includes a chapter on data and the various forms of data the authors wrap up this book with a look at the next frontiers such as applications and designing your environment for success which segue into the topics of the next two books in the series

It's All Analytics! 2020-05-25 this book will appeal primarily to postgraduate business studies students who seek to better

understand how to use technology to improve organizational performance it provides insights into how technology can both positively and negatively influence the way we create share and act upon information and knowledge taking as a starting point the premise that we now live and operate in a knowledge intensive information driven world where data is arguably the most valuable resource any organization possesses it argues that we cannot see technology simply as a commodity or a cost to the business therefore every organizational decision maker must be more aware of the impact technology can have on the knowledge practices and habits of employees building and sustaining collaborative relationships and the ability to realise strategic goals in a dynamic and highly competitive environment

Managing Technology for Business Value 2020-05-07 this book provides holistic guidance and proposes practical frameworks to navigate complex learning environments in the rapidly evolving climate and an environment to facilitate effective learning and knowledge transfer while advocating a shift in the learning culture and culture of learning in varying contexts it serves well for varying and cross disciplinary clusters of individuals particularly for academics senior management of higher education institutions and senior leaders of corporate organizations this book equips readers with a deeper understanding of the evolving and dynamic issues that need to be addressed in the higher education context to handle multifaceted situations in the process of engaging university students to be nurtured as future global leaders and knowledge workers

Virtual Worlds: The Virtual Reality and Augmented Reality Intersections 2019-02-26 this book delves into the many innovative changes that the financial industry has undergone in recent years the authors investigate these developments in a holistic manner and from a wide range of perspectives both public and private business and consumer regulators and supervisors initially they set the framework of their analysis by discussing innovation cycles in financial services thereafter they tackle the issue of financial innovations and their consequences for financial stability they then review the new approaches to financial consumers protection which emerged in the aftermath of the global financial crisis the authors underline the fact that this new approach is heavily influenced by the recent innovative drive in the financial industry next they switch their attention to the public sector examining the innovative processes in monetary policy and central banks structural innovations in the supervisory models and systems and they assess some specific supervisory challenges regarding blockchain and the application of mathematics in the supervisory capacity additionally the book examines a range of issues related to the private sector such as recent developments regarding risk transferring mechanisms on the financial market artificial intelligence and natural language processing for regulatory filings the development of process management in insurance companies and other innovative products on the market finally innovation in financial services discusses how the digital transformation of the financial system impacts the interaction between the public and private sectors the book is intended for graduate and postgraduate level students researchers public sector officers as well as financial sector practitioners

Learning Intelligence: Innovative and Digital Transformative Learning Strategies 2023-02-09 as society continues to experience increases in technological innovations various industries must rapidly adapt and learn to incorporate these advances while there are benefits to implementing these technologies the sociological aspects still need to be considered technology adoption and social issues concepts methodologies tools and applications is an innovative reference source for the latest academic material on the various effects of technology adoption implementation and acceptance highlighting a range of topics such as educational technology globalization and social structure this multi volume book is ideally designed for academicians professionals and researchers who are interested in the latest insights into technology adoption

Innovation in Financial Services 2020-10-29 collective action 2 0 explores the issues related to information and communication technologies icts in detail providing a balanced insight into how icts leverage and interact with collective action which will have an impact on the current discourse recent events in different authoritarian regimes such as iran and egypt have drawn global attention to a developing phenomenon in collective action people tend to organize through different social media platforms for political protest and resistance this phenomenon describes a change in social structure and behavior tied to ict social media platforms have been used to leverage collective action which has in some cases arguably lead to political revolution the phenomenon also indicates that the way information is organized affects the organization of social structures with which it interoperates the phenomenon also has another side which is the use of social media for activist suppression state and corporate surveillance commodifi cation of social processes demobilization or for the mobilization of collective action toward undesirable ends analyzes social media and collective action in an in depth and balanced manner presents an account of avoiding technological determinism utopianism and fundamentalism considers the underlying theory behind quick paced social media takes an interdisciplinary approach that will resonate with all those interested in social media and collective action regardless of fi eld specialism

Technology Adoption and Social Issues: Concepts, Methodologies, Tools, and Applications 2018-02-02 does your organization fumble when it comes to innovation the innovative cio presents a pragmatic guide to overcoming the 10 innovation killers within your company dennis mccafferty cio insight 1 23 2013 cioinsight com it management innovation slideshows ten ways to kill innovation are you unwittingly stifling your employees entrepreneurial spirit the innovative cio discusses innovation killers that could be holding back your small business or startup paul shread time business money 1 29 2013 business time com 2013 01 29 removing barriers to innovation ixzz2jsruld3a the chief information officer s influence in the business organization has been waning for years the rest of the c suite has come to regard information technology as slow costly error prone boring and unresponsive to business needs this perception blinds company leaders to the critical value it can deliver and threatens the competitive health and long term survival of their enterprise the modern cio must reassert the operational and strategic

importance of technology to the enterprise and reintegrate it with every department and level of the business from boardroom to mailroom it leaders must design sell and implement a vigorous culture of it competence and innovation that pervades the enterprise the culture must be rooted in bidirectional exchange across organizations and c level policies that drive technology innovation as the engine of business innovation the authors international it strategists and innovators quantify the benefits and risks of it innovation survey and rank the myriad innovation opportunities from mature new and emerging technologies and identify the organizational structures and processes that have been proven to deliver ongoing innovation buttressing their brief with dozens of case studies and specific examples the innovative cio shows you how to take advantage of the it and business innovation opportunities created by new and emerging technologies shift it innovation from afterthought to prime mover in strategic business planning inject it into the dynamic core of your organization s culture training structure practice and policy

Collective Action 2.0 2017-02-28 crises and scandals in the world of international management have brought a new spotlight onto how the subject is taught studied and understood there has been a plethora of literature on international management but a lack of focus on how international management education ime can be shaped to respond to existing and future global business challenges the routledge companion to international management education gathers together contributors from academia industry and university administration involved in ime to introduce the domain of ime describe the emerging state in new geographical areas discuss the major issues and debates revolving around ime explore the linkage of technology and international management and shed light on the future of ime the diverse background of the contributors provides a global perspective that challenges the dominant anglo american view with up to date specific insights originating from their indigenous view points which has often been neglected and inadequately covered the volume answers important questions such as do we need a vision in ime what is the current state of ime how has ime grown in emerging market segments what roles does technology play in its recent development the volume provides thought provoking reading for educators administrators policy makers human resources professionals and researchers it will also give future international management students a glimpse of ime from a global inside out perspective

The Innovative CIO 2014-03-01 ceo s guide to cloud computing

The Routledge Companion to International Management Education 2013-06-19 this book proposes theoretically developed and practically tested solutions for manufacturing and business improvements achieved in the period between two conferences it enables presentation of new knowledge and exchange of practical experience in industrial systems engineering and management it brings together prominent researchers and practitioners from faculties scientific institutes and different enterprises or other organizations this is the 18th edition of the conference the department of industrial engineering and management at the faculty of technical sciences in novi sad organizes a scientific conference on industrial systems engineering and management field of science and practice once in three years

The CEO's Guide to Cloud Computing 2010-08-15 in the digital era users from around the world are constantly connected over a global network where they have the ability to connect share and collaborate like never before to make the most of this new environment researchers and software developers must understand users needs and expectations social media and networking concepts methodologies tools and applications explores the burgeoning global community made possible by 2 0 technologies and a universal interconnected society with four volumes of chapters related to digital media online engagement and virtual environments this multi volume reference is an essential source for software developers web designers researchers students and it specialists interested in the growing field of digital media and engagement this four volume reference includes various chapters covering topics related to 2 0 e governance social media activism internet privacy digital and virtual communities e business customer relationship management and more

Proceedings on 18th International Conference on Industrial Systems – IS'20 2022-05-23 the newly qualified manager may well be equipped with the skills of the what of marketing and management but not know the how the practicing marketer is well served with guides on strategy mainly of the four minute plan variety but poorly served in terms of basic advice on implementing the strategy and plans this book is therefore designed to give clear guidance in managing the marketing function as a practical entity and allowing the new marketer to grasp how the theory can be applied to the job written by practitioners who are also active in the marketing education and training sectors it gives the reader a clear overview of how the key areas of marketing knowledge can be made operationally effective how to make marketing practical and measurable a huge range of examples and vignettes illustrating best practice a truly international perspective the book will be an invaluable toolkit for the newly qualified and newly appointed marketer trying to apply their knowledge of the theory

Social Media and Networking: Concepts, Methodologies, Tools, and Applications 2015-07-31 this textbook focuses on the management challenges of founding a new venture and managing its rapid growth as the firm evolves it covers crucial management areas in the entrepreneurship context such as entrepreneurial finance marketing and human resource management also more hands on management topics like writing a business plan and choosing a legal form for a venture are covered a key chapter of the book is dedicated to leadership challenges in managing rapidly growing young firms located in new industries and technology areas the book is written from a continental european perspective to cater for its european target audience in entrepreneurship courses to be held in english

Managing Marketing 2012-06-14 endorsed by the association of radiologic and imaging nursing arin this first of a kind comprehensive radiology nursing textbook fills a gap by addressing important subjects for patient care and professional issues as well as future possibilities affecting nursing practice it serves as a resource to related nursing specialties e g critical care

emergency or peri anesthesia and to radiologic technologists and physician assistants the book could be used as one resource for studying for radiologic nursing certification the textbook is subdivided into five sections that address advanced practice and leadership roles clinical patient care topics safety topics including legal considerations e g infection prevention and equipment it includes a section with topics impacting the patient experience and a section on professional topics e g cybersecurity social media research outcomes interprofessional collaboration workplace violence and current trends in imaging the authors include advanced practice providers radiology nurse managers educators physicians a physicist a dentist attorneys a child life specialist administrators and a social worker radiology diagnostic examinations and therapeutic procedures have become a more prominent part of patient care due to advances in technology and the ability of radiology to provide services that were traditionally done in surgery or not done because of limited knowledge many procedures are facilitated by the radiology nurse from initial consult to transfer to a hospital unit or discharge and follow up nurses assess monitor administer sedation other medications and respond to emergencies they serve as educators researchers and resource personnel to the radiology department and in many instances to the entire facility radiology nurses are real leaders in order to keep up to date on new developments nurses need new literature to support their clinical expertise and leadership this book is an unparalleled resource written by experts in their areas of interest

Loosely Coupled 2003 while there are many books on blockchains this guide focuses on blockchain applications for business the target audience is business students professionals and managers who want to learn about the overall blockchain landscape the investments the size of markets major players and the global reach as well as the potential business value of blockchain applications and the challenges that must be overcome to achieve that value we present use cases and derive action principles for building enterprise blockchain capabilities readers will learn enough about the underlying technologies to speak intelligently to technology experts in the space as the guide also covers the blockchain protocols code bases and provides a glossary of terms we use this guide as the textbook for our undergraduate and graduate blockchain fundamentals course at the university of arkansas other professors interested in adopting this guide for instructional purposes are welcome to contact the author for supporting instructional materials

Entrepreneurship in a European Perspective 2010-11-05 this book illustrates how goal oriented automated measurement can be used to create lean organizations and to facilitate the development of lean software while also demonstrating the practical implementation of lean software development by combining tried and trusted tools in order to be successful a lean orientation of software development has to go hand in hand with a company s overall business strategy to achieve this two interrelated aspects require special attention measurement and experience management in this book janes and succi provide the necessary knowledge to establish lean software company thinking while also exploiting the latest approaches to software measurement a comprehensive company wide measurement approach is exactly what companies need in order to align their activities to the demands of their stakeholders to their business strategy etc with the automatic non invasive measurement approach proposed in this book even small and medium sized enterprises that do not have the resources to introduce heavyweight processes will be able to make their software development processes considerably more lean the book is divided into three parts part i motivation for lean software development explains just what lean production means why it can be advantageous to apply lean concepts to software engineering and which existing approaches are best suited to achieving this part ii the pillars of lean software development presents the tools needed to achieve lean software development non invasive measurement the goal question metric approach and the experience factory finally part iii lean software development in action shows how different tools can be combined to enable lean thinking in software development the book primarily addresses the needs of all those working in the field of software engineering who want to understand how to establish an efficient and effective software development process this group includes developers managers and students pursuing an m sc degree in software engineering

Advanced Practice and Leadership in Radiology Nursing 2019-12-16 excel

Blockchain Foundations 2020-09 this book shows how digital technologies are transforming how we locate manage treat distribute and use water water resources are under stress from over allocation increased demand pollution climate change and outdated public policies historical approaches to delivering water for human consumption industrial production agriculture power generation and ecosystems are no longer adequate to meet demands as a result we need to vastly improve the efficiency and effectiveness of our public and private sector processes in water management the author describes recent advances in data acquisition e g satellite imagery drones and on the ground sensors and smart meters big data analytics artificial intelligence and blockchain which provide new tools to meet needs in both developing and developed economies for example a digital water technology portfolio brings the value of real time system wide monitoring and response within the capability of water providers of all sizes and sophistication as such digital water promises to increase the long term value of water resource assets while assisting in compliance with regulations and helping respond to the demands of population growth and evolving natural and business ecosystems including many practical examples the author concludes that digital and smart water technologies will not only better manage water assets but also enable the public sector to provide universal access to safe drinking water the private sector to continue to grow and ecosystems to thrive

Lean Software Development in Action 2014-11-14

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Digital Water 2021-12-26