

The Big Unlock Harnessing Data And Growing Digital Health Businesses In A Value Based Care Era

Just as World War II called an earlier generation to greatness, so the climate crisis is calling today's rising youth to action: to create a better future. In UNSTOPPABLE, Bill Nye crystallizes and expands the message for which he is best known and beloved. That message is that with a combination of optimism and scientific curiosity, all obstacles become opportunities, and the possibilities of our world become limitless. With a scientist's thirst for knowledge and an engineer's vision of what can be, Bill Nye sees today's environmental issues not as insurmountable, depressing problems but as chances for our society to rise to the challenge and create a cleaner, healthier, smarter world. We need not accept that transportation consumes half our energy, and that two-thirds of the energy you put into your car is immediately thrown away out the tailpipe. We need not accept that dangerous emissions are the price we must pay for a vibrant economy and a comfortable life. Above all, we need not accept that we leave our children a planet that is dirty, overheated, and depleted of resources. As Bill shares his vision, he debunks some of the most persistent myths and misunderstandings about global warming. When you are done reading, you'll be enlightened and empowered. Chances are, you'll be smiling, too, ready to join Bill and change the world. In Unstoppable: Harnessing Science to Change the World, the New York Times bestselling author of Undeniable: Evolution and the Science of Creation and former host of "Bill Nye the Science Guy" issues a new challenge to today's generation: to make a cleaner, more efficient, and happier world. Praise for UNDENIABLE: "With his charming, breezy, narrative style, Bill empowers the reader to see the natural world as it is, not as some would wish it to be. He does it right. And, as I expected, he does it best." -Neil deGrasse Tyson, Ph.D, host of COSMOS "Bill Nye, 'the Science Guy,' has become a veritable cultural icon....[T]he title of his new book on evolution...[is] 'Undeniable,' because, yes, there are many Americans who still deny what Darwin and other scientists long ago proved." -Frank Bruni, The New York Times "With a jaunty bow tie and boyish enthusiasm, Bill Nye the Science Guy has spent decades decoding scientific topics, from germs to volcanoes, for television audiences....In his new book, Nye delights in how [evolution] helps to unlock the mysteries of everything from bumblebees to human origins to our place in the universe." -National Geographic "When it comes to Bill Nye, 'Science Guy' doesn't even begin to cover it. When he's not being summoned to act as a voice of reason for news outlets or leading meetings as CEO of the Planet Society, he is living the life of a best-selling author....His recently published book, 'Undeniable: Evolution and the Science of Creation,' enlightens readers while using a conversational, educational tone. After all, it's his ability to break down even the most complicated topics into bite-size pieces that made him such a hit on his '90s children's show 'Bill Nye, the Science Guy.'" -The Boston Globe "Mr. Nye writes briskly and accessibly...[and] makes an eloquent case for evolution."-The Wall Street Journal "Because [Bill Nye is] a scientist, he has no doubts that the 'deniers' of evolution are flat wrong. And because he's a performer, his book is fun to read and easy to absorb." -The Washington Post "Ignite your inner scientist" when Nye, known for delivering geeky intel with clarity and charm, takes on one of society's most hotly debated topics (yes, still!) "-Time Out New York

A guide for managers to find powerful new ways to succeed. We need imagination now more than ever—to find new opportunities, rethink our businesses, and discover paths to growth. Yet too many companies have lost their ability to imagine. What is this mysterious capacity? How does imagination work? And how can organizations keep it alive and harness it in a systematic way? The Imagination Machine answers these questions and more. Drawing on the experience and insights of CEOs across several industries, as well as lessons from neuroscience, computer science, psychology, and philosophy, Martin Reeves of Boston Consulting Group's Henderson Institute and Jack Fuller, an expert in neuroscience, provide a fascinating look into the mechanics of imagination and lay out a process for creating ideas and bringing them to life: The Seduction. How to open yourself up to surprises The Idea. How to generate new ideas The Collision. How to rethink your idea based on real-world feedback The Epidemic. How to spread an evolving idea to others The New Ordinary. How to turn your novel idea into an accepted reality The Encore. How to repeat the process—again and again. Imagination is one of the least understood but most crucial ingredients of success. It's what makes the difference between an incremental change and the kind of pivots and paradigm shifts that are essential to transformation—especially during a crisis. The Imagination Machine is the guide you need to demystify and operationalize this powerful human capacity, to inject new life into your company, and to head into unknown territory with the right tools at your disposal.

Understand data science concepts and methodologies to manage and deliver top-notch solutions for your organization Key Features Learn the basics of data science and explore its possibilities and limitations Manage data science projects and assemble teams effectively even in the most challenging situations Understand management principles and approaches for data science projects to streamline the innovation process Book Description Data science and machine learning can transform any organization and unlock new opportunities. However, employing the right management strategies is crucial to guide the solution from prototype to production. Traditional approaches often fail as they don't entirely meet the conditions and requirements necessary for current data science projects. In this book, you'll explore the right approach to data science project management, along with useful tips and best practices to guide you along the way. After understanding the practical applications of data science and artificial intelligence, you'll see how to incorporate them into your solutions. Next, you will go through the data science project life cycle, explore the common pitfalls encountered at each step, and learn how to avoid them. Any data science project requires a skilled team, and this book will offer the right advice for hiring and growing a science team for your organization. Later, you'll be shown how to efficiently manage and improve your data science projects through the use of DevOps and ModelOps. By the end of this book, you will be well versed with various data science solutions and have gained practical insights into tackling the different challenges that you'll encounter on a daily basis. What you will learn Understand the underlying problems of building a strong data science pipeline Explore the different tools for building and deploying data science solutions Hire, grow, and sustain a data science team Manage data science projects through all stages, from prototype to production Learn how to ModelOps to improve your data science pipelines Get up to speed with the model testing techniques used in both development and production stages Who this book is for This book is for data scientists, analysts, and program managers who want to use data science for business productivity by incorporating data science workflows efficiently. Some understanding of basic data science concepts will be useful to get the most out of this book.

Organize, plan, and build an exceptional data analytics team within your organization In Minding the Machines: Building and Leading Data Science and Analytics Teams, AI and analytics strategy expert Jeremy Adamson delivers an accessible and insightful roadmap to structuring and leading a successful analytics team. The book explores the tasks, strategies, methods, and frameworks necessary for an organization beginning their first foray into the analytics space or one that is rebooting its team for the umpteenth time in search of success. In this book, you'll discover: A focus on the three pillars of strategy, process, and people and their role in the iterative and ongoing effort building an analytics team Repeated emphasis on three guiding principles followed by successful analytics teams: start early, go slow, and fully commit The importance of creating clear goals and objectives when creating a new analytics unit in an organization Perfect for executives, managers, team leads, and other business leaders tasked with structuring and leading a successful analytics team, Minding the Machines is also an indispensable resource for data scientists and analysts who seek to better understand how their individual efforts fit into their team's overall results.

Harnessing Science to Change the World

The Elements of Big Data Value

How Consumerism, Technology and Pandemic are Accelerating the Future Business Unintelligence

A Practical Guide to Technology for Equity and Fixed Income Analysts What Counts

How to Spark New Ideas and Create Your Company's Future

How New Technology Is Transforming Business and Shaping Our Future

This report illustrates why Southeast Asian countries need big data for pandemic recovery to radically transform the delivery of key services such as health care, social welfare and protection, and education. The final of a four-part series, it looks at the impact of COVID-19 on Cambodia, Indonesia, Myanmar, the Philippines, and Thailand to determine how big data could be an invaluable tool to help governments analyze the challenges they face. It outlines policy reforms and recommendations to help capture the benefits of big data. These include drawing up digital road maps, improving technical infrastructure, increasing data quality, and ramping up training programs to create a skilled workforce to lead the digital transformation.

Fuel your business' transition into the digital age with this insightful and comprehensive resource Digital Business Transformation: How Established Companies Sustain Competitive Advantage offers readers a framework for digital business transformation. Written by Nigel Vaz, the acclaimed CEO of Publicis Sapient, a global digital business transformation company, Digital Business Transformation delivers practical advice and approachable strategies to help businesses realize their digital potential. Digital Business Transformation provides readers with examples of the challenges faced by global organizations and the strategies they used to overcome them. The book also includes discussions of: How to decide whether to defend, differentiate, or disrupt your organization to meet digital challenges How to deconstruct decision-making throughout all levels of your organization How to combine strategy, product, experience, engineering, and data to produce digital results Perfect for anyone in a leadership position in a modern organization, particularly those who find themselves responsible for transformation-related decisions, Digital Business Transformation delivers a message that begs to be heard by everyone who hopes to help their organization meet the challenges of a changing world.

In this book readers will find technological discussions on the existing and emerging technologies across the different stages of the big data value chain. They will learn about legal aspects of big data, the social impact, and about education needs and requirements. And they will discover the business perspective and how big data technology can be exploited to deliver value within different sectors of the economy. The book is structured in four parts: Part I "The Big Data Opportunity" explores the value potential of big data with a particular focus on the European context. It also describes the legal, business and social dimensions that need to be addressed, and briefly introduces the European Commission's BIG project. Part II "The Big Data Value Chain" details the complete big data lifecycle from a technical point of view, ranging from data acquisition, analysis, curation and storage, to data usage and exploitation. Next, Part III "Usage and Exploitation of Big Data" illustrates the value creation possibilities of big data applications in various sectors, including industry, healthcare, finance, energy, media and public services. Finally, Part IV "A Roadmap for Big Data Research" identifies and prioritizes the cross-sectorial requirements for big data research, and outlines the most urgent and challenging technological, economic, political and societal issues for big data in Europe. This compendium summarizes more than two years of work performed by a leading group of major European research centers and industries in the context of the BIG project. It brings together research findings, forecasts and estimates related to this challenging technological context that is becoming the major axis of the new digitally transformed business environment.

Data Science and Big Data Analytics is about harnessing the power of data for new insights. The book covers the breadth of activities and methods and tools that Data Scientists use. The content focuses on concepts, principles and practical applications that are applicable to any industry and technology environment, and the learning is supported and explained with examples that you can replicate using open-source software. This book will help you: Become a contributor on a data science team Deploy a structured lifecycle approach to data analytics problems Apply appropriate analytic techniques and tools to analyzing big data Learn how to tell a compelling story with data to drive business action Prepare for EMC Proven Professional Data Science Certification Corresponding data sets are available from the book's page at Wiley which you can find on the Wiley site by searching for the ISBN 9781118876138. Get started discovering, analyzing, visualizing, and presenting data in a meaningful way today!

A Roadmap for Usage and Exploitation of Big Data in Europe

How to Harness the Power of Software Developers and Win in the 21st Century

Effective strategies to manage data science projects and build a sustainable team

The Pursuit of Endurance

Healthcare Digital Transformation

Big Data Analytics

Coloring Your Story with a Creative Life

How Looking Backward Moves Us Forward

Co-published with ACE. In this era of "Big Data," institutions of higher education are challenged to make the most of the information they have to improve student learning outcomes, close equity gaps, keep costs down, and address the economic needs of the communities they serve at the local, regional, and national levels. This book helps readers understand and respond to this "analytics revolution," examining the evolving dynamics of the institutional research (IR) function, and the many audiences that institutional researchers need to serve. Internally, there is a growing need among senior leaders, administrators, faculty, advisors, and staff for decision analytics that help craft better resource strategies and bring greater efficiencies and return-on-investment for students and families. Externally, state legislators, the federal government, and philanthropies demand more forecasting and more evidence than ever before. These demands require new and creative responses, as they are added to previous demands, rather than replacing them, nor do they come with additional resources to produce the analysis to make data into actionable improvements. Thus the IR function must become that of teacher, ensuring that data and analyses are accurate, timely, accessible, and compelling, whether produced by an IR office or some other source. Despite formidable challenges, IR functions have at least to leverage big data and unlock the power of predictive tools and techniques, contributing to improved student outcomes.

"Drawing on her own research on cutting-edge research, Dr. Suzuki has developed an inspiring guidebook for managing unwarranted anxiety and turning it into a powerful asset. In the tradition of Quiet and Thinking, Fast and Slow, Good Anxiety has the power to permanently change how we understand anxiety and, more importantly, how we can use it to improve our lives for the better!"-

The Big Unlock:Harnessing Data and Growing Digital Health Businesses in a Value-Based Care EraArchway Publishing AI may be the greatest opportunity of our time, with the potential to add nearly \$16 trillion to the global economy over the next decade. But so far, adoption has been much slower than anticipated, or so headlines may lead you to believe. With this practical guide, business leaders will discover where they are in their AI journey and learn the steps necessary to successfully scale AI throughout their organization. Authors Rob Thomas and Paul Zikopoulos from IBM introduce C-suite executives and business professionals to the AI Ladder—a unified, prescriptive approach to help them understand and accelerate the AI journey. Complete with real-world examples and real-life experiences, this book explores AI drivers, value, and opportunity, as well as the adoption challenges organizations face. Understand why you can't have AI without an information architecture (IA) Appreciate how AI is as much a cultural change as it is a technological one

Collect data and make it simple and accessible, regardless of where it lives Organize data to create a business-ready analytics foundation Analyze data, and build and scale AI with trust and transparency Infuse AI throughout your entire business and create intelligent workflows

Big Data, Organizational Learning, and Student Success

The Next Frontier for Innovation: Competition, and Productivity

Insight and Innovation beyond Analytics and Big Data

Advanced Features and Customization

Interactive Reports in SAS® Visual Analytics

Voices of Innovation

Fulfilling the Promise of Information Technology in Healthcare

The Big Unlock

This revelatory exploration of big data, which refers to our newfound ability to crunch vast amounts of information, analyze it instantly and draw profound and surprising conclusions from it, discusses how it will change our lives and what we can do to protect ourselves from its hazards. 75,000 first printing. Business intelligence (BI) used to be so simple—in theory anyway. Integrate and copy data from your transactional systems into a specialized relational database, apply BI reporting and query tools and add business users. Job done. No longer. Analytics, big data and an array of diverse technologies have changed everything. More importantly, business is insisting on ever more value, ever faster from information and from IT in general. An emerging biz-tech ecosystem demands that business and IT work together. Business unintelligence reflects the new reality that in today's socially complex and rapidly changing world, business decisions must be based on a combination of rational and intuitive thinking. Integrating cues from diverse information sources and tacit knowledge, decision makers create unique meaning to innovate heuristically at the speed of thought. This book provides a wealth of new models that business and IT can use together to design support systems for tomorrow's successful organizations. Dr. Barry Devlin, one of the earliest proponents of data warehousing, goes back to basics to explore how the modern trinity of information, process and people must be reinvented and restructured to deliver the value, insight and innovation required by modern businesses. From here, he develops a series of novel architectural models that provide a new foundation for holistic information use across the entire business. From discovery to analysis and from decision making to action taking, he defines a fully integrated, closed-loop business environment. Covering every aspect of business analytics, big data, collaborative working and more, this book takes over where BI ends to deliver the definitive framework for information use in the coming years. As the person who defined the conceptual framework and physical architecture for data warehousing in the 1980s, Barry Devlin has been an astute observer of the movement he initiated ever since. Now, in Business Unintelligence, Devlin provides a sweeping view of the past, present, and future of business intelligence, while delivering new conceptual and physical models for how to turn information into insights and action. Reading Devlin's prose and vision of BI are comparable to reading Carl Sagan's view of the cosmos. The book is truly illuminating and inspiring.

Investors recognize that technology is a powerful tool for obtaining and interpreting financial data that could give them the one thing everyone on Wall Street wants: an edge. Yet, many don't realize that you don't need to be a programmer to access behind-the-scenes financial information from Bloomberg, IHS Markit, or other systems found at most banks and investment firms. This practical guide teaches analysts a useful subset of Excel skills that will enable them to access and interpret financial information—without any prior programming experience. This book will show analysts, step-by-step, how to quickly produce professional reports that combine their views with Bloomberg or Markit data including historical financials, comparative analysis, and relative value. For portfolio managers, this book demonstrates how to create professional summary reports that contain a high-level view of a portfolio's performance, growth, risk-adjusted return, and composition. If you are a programmer, this book also contains a parallel path that covers the same topics using C#. Topics include: Access additional data that isn't visible on Bloomberg screens Create tables containing corporate data that makes it possible to compare multiple companies, bonds, or loans side-by-side Build one-page analytic ("Tear Sheet") reports for individual companies that incorporates important financials, custom notes, relative value comparison of the company to its peers, and price trends with research analyst targets Build two-page portfolio summary report that contains a high-level view of the portfolio's performance, growth, risk-adjusted return, and composition Explore daily prices and facility information for most of the tradable corporate bond and loan market Determine the relationship between two securities (or index) using correlation and regression Compare each security's performance to a cohort made of up of securities with similar risk and return characteristics Measure portfolio risk-adjusted return by calculating variance, standard deviation, and Sharpe ratio Use Markit data to identify meaningful trends in prices, new issue spreads, and refinancings

This book is a reference guide for healthcare executives and technology providers involved in the ongoing digital transformation of the healthcare sector. The book focuses specifically on the challenges and opportunities for health systems in their journey toward a digital future. It draws from proprietary research and public information, along with interviews with over one hundred and fifty executives in leading health systems such as Cleveland Clinic, Partners, Mayo, Kaiser, and Intermountain as well as numerous technology and retail providers. The authors explore the important role of technology and that of EHR systems, digital health innovators, and big tech firms in the ongoing digital transformation of healthcare. Importantly, the book draws on the accelerated learnings of the healthcare sector during the COVID-19 pandemic in their digital transformation efforts to adopt telehealth and virtual care models. Features of this book: Provides an understanding of the current state of digital transformation and the factors influencing the ongoing transformation of the healthcare sector. Includes interviews with executives from leading health systems. Describes the important role of emerging technologies: EHR systems, digital health innovators, and more. Includes case studies from innovative health organizations. Provides a set of templates and frameworks for developing and implementing a digital roadmap. Based on best practices from real-life examples, the book is a guidebook that provides a set of templates and frameworks for digital transformation practitioners in healthcare.

Practical Examples in Apache Spark and Neo4j

Good Anxiety

Accelerate Your Journey to AI

The AI Ladder

The Analytics Revolution in Higher Education

Harnessing Data and Growing Digital Health Businesses in a Value-Based Care Era

The Power of Pull

Big Data in Practice

Big data is currently one of the most critical emerging technologies. Organizations around the world are looking to exploit the explosive growth of data to unlock previously hidden insights in the hope of creating new revenue streams, gaining operational efficiencies, and obtaining greater understanding of customer needs. It is important to think of big data and analytics together. Big data is the term used to describe the recent explosion of different types of data from disparate sources. Analytics is about examining data to derive interesting and relevant trends and patterns, which can be used to inform decisions, optimize processes, and even drive new business models. With today's deluge of data comes the problems of processing that data, obtaining the correct skills to manage and analyze that data, and establishing rules to govern the data's use and distribution. The big data technology stack is ever growing and sometimes confusing, even more so when we add the complexities of setting up big data environments with large up-front investments. Cloud computing seems to be a perfect vehicle for hosting big data workloads. However, working on big data in the cloud brings its own challenge of reconciling two contradictory design principles. Cloud computing is based on the concepts of consolidation and resource pooling, but big data systems (such as Hadoop) are built on the shared nothing principle, where each node is independent and self-sufficient. A solution architecture that can allow these mutually exclusive principles to coexist is required to truly exploit the elasticity and ease-of-use of cloud computing for big data environments. This IBM® Redpaper™ publication is aimed at chief architects, line-of-business executives, and CIOs to provide an understanding of the cloud-related challenges they face and give prescriptive guidance for how to realize the benefits of big data solutions quickly and cost-effectively.

Jeff Lawson, developer turned CEO of Twilio (one of Bloomberg Businessweek's Top 50 Companies to Watch in 2021), creates a new playbook for unleashing the full potential of software developers in any organization, showing how to help management utilize this coveted and valuable workforce to enable growth, solve a wide range of business problems, and drive digital transformation. From banking and retail to insurance and finance, every industry is turning digital, and every company needs the best software to win the hearts and minds of customers. The landscape has shifted from the classic build vs. buy question, to one of build vs. die. Companies have to get this right to survive. But how do they make this transition? Software developers are sought after, highly paid, and deeply needed to create the modern, digital economy. Yet most companies treat their like digital factory workers without really understanding how to unleash their full potential. Lawson argues that developers are the creative workforce who can solve major business problems and create hit products for customers—not just grind through rote tasks. From Google and Amazon, to one-person online software companies—that bring software developers in as partners are winning. Lawson shows how leaders who build industry changing software products consistently do three things well. First, they understand why software developers matter more than ever. Second, they understand developers and know how to motivate them. And third, they invest in their developers' success. As a software developer and public company CEO, Lawson uses his unique position to bridge the language and tools executives use with the unique culture of high performing, creative software developers. Ask Your Developer is a toolkit to help business leaders, product managers, technical leaders, software developers, and executives achieve their common goal—building great digital products and experiences. How to compete in the digital economy? In short: Ask Your Developer.

Explores the idea of big data, which refers to our new found ability to crunch vast amounts of information, analyze it instantly, and draw profound and surprising conclusions from it.

Between the 18th and 19th centuries, Britain experienced massive leaps in technological, scientific, and economical advancement

The Art and Practice of Leading Innovation

Unstoppable

Radically Human

Minding the Machines

The Invisible Brand: Marketing in the Age of Automation, Big Data, and Machine Learning

Harnessing the Record-Breaking Power of Strength and Resilience

Foundations of the Research and Innovation Ecosystem

Building and Leading Data Science and Analytics Teams

Discover how graph algorithms can help you leverage the relationships within your data to develop more intelligent solutions and enhance your machine learning models. You'll learn how graph analytics are uniquely suited to unfold complex structures and reveal difficult-to-find patterns lurking in your data. Whether you are trying to build dynamic network models or forecast real-world behavior, this book illustrates how graph algorithms deliver value—from finding vulnerabilities and bottlenecks to detecting communities and improving machine learning predictions. This practical book walks you through hands-on examples of how to use graph algorithms in Apache Spark and Neo4j—two of the most common choices for graph analytics. Also included: sample code and tips for over 20 practical graph algorithms that cover optimal pathfinding, importance through centrality, and community detection. Learn how graph analytics vary from conventional statistical analysis Understand how classic graph algorithms work, and how they are applied Get guidance on which algorithms to use for different types of questions Explore algorithm examples with working code and sample datasets from Spark and Neo4j See how connected feature extraction can increase machine learning accuracy and precision Walk through creating an ML workflow for link prediction combining Neo4j and Spark

Elevate your reports with more user control and interactive elements Want to create exciting, user-friendly visualizations to bring greater intelligence to your organization? By mastering the full power of SAS Visual Analytics, you can add features that will enhance your reports and bring more depth and insight to your data. Interactive Reports in SAS Visual Analytics: Advanced Features and Customization is for experienced users who want to harness the advanced functionality of Visual Analytics on SAS Viya to create visualizations or augment existing reports. The book is full of real-world examples and step-by-step instructions to help you unlock the full potential of your reports. In this book, you will learn how to create interactive URL links to external websites use parameters to give the viewer more control add custom graphs and maps execute SAS code using SAS Viya jobs and more!

Information and communication technology (ICT) has always mattered in agriculture. Ever since people have grown crops, raised livestock, and caught fish, they have sought information from one another. Today, ICT represents a tremendous opportunity for rural populations to improve productivity, to enhance food and nutrition security, to access markets, and to find employment opportunities in a revitalized sector. ICT has unleashed incredible potential to improve agriculture, and it has found a foothold even in poor smallerholder farms. ICT in Agriculture, Updated Edition is the revised version of the popular ICT in Agriculture e-Sourcebook, first launched in 2011 and designed to support practitioners, decision makers, and development partners who work at the intersection of ICT and agriculture. Our hope is that this updated Sourcebook will be a practical guide to understanding current trends, implementing appropriate interventions, and evaluating the impact of ICT interventions in agricultural programs.

"This book examines current, state-of-the-art research in the areas of data science, machine learning, data mining, optimization, artificial intelligence, statistics, and the interactions, linkages, and applications of knowledge-based business with information systems!"-

New Horizons for a Data-Driven Economy

Data Science and Big Data Analytics

Ask Your Developer

The Fourth Industrial Revolution

Connecting Smallholders to Knowledge, Networks, and Institutions

The Power of Regret

Collective Genius

The Essential Guide to Work, Life and Learning in the Age of Insight

Explains the principle of "pull" and how to effectively apply it to individuals and organizations to increase organizational and social change and develop creative talent.

We are in the 4th industrial revolution: companies need to figure out how to survive. In this exciting revolution, machine intelligence has had a more unprecedented impact on business than the internet, and it's the only path to corporate survival in the future. In Data Science for Executives, Nir Kaldero dispels the myths and confusion surrounding this game-changing technology and provides practical strategies for harnessing its profitable power. This essential tone provides illuminating case studies, important guiding principles, and effective on-the-ground actions for incorporating machine intelligence into your organization and employing it to enhance your business though the wealth of data that flows into your business. Leaders don't have to be scientists to unlock the power of technology that is already radically altering the industrial landscape. If you're ready to meet the challenges of this new revolution, this essential guide will help you take your business to the next level.

The best-selling author of Big Data is back, this time with a unique and in-depth insight into how specific companies use big data. Big data is on the tip of everyone's tongue. Everyone understands its power and importance, but many fail to grasp the actionable steps and resources required to utilize it effectively. This book fills the knowledge gap by showing how major companies are using big data, from an up-close, on-the-ground perspective. From technology, media and retail, to sport teams, government agencies and financial institutions, learn the actual strategies and processes being used to learn about customers, improve manufacturing, spur innovation, improve safety and so much more. Organised for easy dip-in navigation, each chapter follows the same structure to give you the information you need quickly. For each company profiled, learn what data was used, what problem it solved and the processes put it place to make it practical, as well as the technical details, challenges and lessons learned from each unique scenario. Learn how predictive analytics helps Amazon, Target, John Deere and Apple understand their customers Discover how big data is behind the success of Walmart, LinkedIn, Microsoft and more Learn how big data is changing medicine, law enforcement, hospitality, fashion, science and banking Develop your own big data strategy by accessing additional reading materials at the end of each chapter

We can all point to random examples of innovation inside of healthcare information technology, but few repeatable processes exist that make innovation more routine than happenstance. How do you create and sustain a culture of innovation? What are the best practices you can refine and embed as part of your organization's DNA? What are the potential outcomes for robust healthcare transformation when we get this innovation mystery solved? Loaded with numerous case studies and stories of successful innovation projects, this book helps the reader understand how to leverage innovation to help fulfill the promise of healthcare information technology in enabling superior business and clinical outcomes.

Discovering, Analyzing, Visualizing and Presenting Data

Harnessing Data for America's Communities

A Revolution that Will Transform How We Live, Work, and Think

Graph Algorithms

ICT in Agriculture (Updated Edition)

Harnessing the Potential of Big Data in Post-Pandemic Southeast Asia

Managing Data Science

How Established Companies Sustain Competitive Advantage From Now to Next

"The world needs this book." —Brene Brown, Ph.D., New York Times bestselling author of Dare to Lead and Atlas of the Heart An instant New York Times bestseller As featured in The Wall Street Journal and The Washington Post Named a Must Read of 2022 by Forbes, Newsweek, and Goodreads From the #1 New York Times-bestselling author of When and Drive, a new book about the transforming power of our most misunderstood yet potentially most valuable emotion: regret. Everybody has regrets. Daniel H. Pink explains in The Power of Regret. They're a universal and healthy part of being human. And understanding how regret works can help us make smarter decisions, perform better at work and school, and bring greater meaning to our lives. Drawing on research in social psychology, neuroscience, and biology, Pink debunks the myth of the "no regrets" philosophy of life. And using the largest sampling of American attitudes about regret ever conducted as well as his own World Regret Survey—which has collected regrets from more than 15,000 people in 105 countries—he lays out the four core regrets that each of us has. These deep regret offer compelling insights into how we live and how we can find a better path forward. As he did in his bestsellers Drive, When, and A Whole New Mind, Pink lays out a dynamic new way of thinking about regret and frames his ideas in ways that are clear, accessible, and pragmatic. Packed with true stories of people's regrets as well as practical takeaways for reimagining regret as a positive force, The Power of Regret shows how we can live richer, more engaged lives.

A Dell Technologies perspective on today's data landscape and the key ingredients for planning a modern, unrivalling digital pipeline for your multicloud data-driven enterprise

Have you ever struggled to understand what it means to be CREATIVE? This eBook will guide you and unlock your critical creative mind, unraveling innovation and inspire your productivity through simple, proven exercises and concepts. On your way to success you will complete the interactive steps needed to unleash your creative thinking that nobody has been able to press upon you before. Drawing links, visualizing blocks, and practical mental puzzles will improve your being by boosting the artist inside. I encourage you to steal the art based activities and suggestive projects because they will calm and stop your creators block related to fears and stress. It will feel like meditation, or as I sometimes call it gourmet relaxation. Included are tips for a healthy brain that won't feel like anything fitting related that will develop the wired training you seek to unlock the power inside. This book will bring you success when it comes to stomping past creative blocks with presidential authority. You will harness your mental power patterns and unlock the big creative genius designs within. You will take on a "Nikola Tesla" view of invented creation by crafting your magnificent imagination.

No longer will your lazy practices leave you on the partially warm side of contemplation worrying over your assorted challenges. I bring you "The Magic of Creativity: Coloring Your Story With a Creative Life" In this book you will learn... -A Beginners guide to understanding Creativity and how to unleash the inner YOU! -The different types of Creative thinkers -The Power of Creativity and Imagination -How to measure Creative intelligence -Understanding Creative "blocks" and how they are beneficial -The POWER of critical thinking and why NOW is the time to innovate and much much more! -Included is a handful of FREE exercises to take your creativity to the next level! ***DOWNLOAD THIS EBOOK NOW!**** Tags: Anxiety, Management, self help, fitness, health and wellness, take control, self discipline, regaining freedom, blank pages, note taking, Self management, fear, conquer challenges, positive thinking, gratitude, affirmations, love, your, weight, pounds, you, lose, language, days, serial, killers, your, life, love, self, book, guide, personal, magic, negative, powerful, Creativity, creative, unleashing the beast within, Creative intelligence, business, finance, niche research, Technology advances are making tech more . . . human. This changes everything you thought you knew about innovation and strategy. In their groundbreaking book, Human + Machine, Accenture technology leaders Paul R. Daugherty and H. James Wilson showed how leading organizations use the power of human-machine collaboration to transform their processes and their bottom lines. Now, as new AI powered technologies like the metaverse, natural language processing, and digital twins begin to rapidly impact both life and work, those companies and other pioneers across industries are tipping the balance even more strikingly toward the human side with technology-led strategy that is reshaping the very nature of innovation. In Radically Human, Daugherty and Wilson show this profound shift, fast-forwarded by the pandemic, toward more human—and more humane—technology. Artificial intelligence is becoming less artificial and more intelligent. Instead of data-hungry approaches to AI, innovators are pursuing data-efficient approaches that enable machines to learn as humans do. Instead of replacing workers with machines, they're unleashing human expertise to create human-centered AI. In place of lumbering legacy IT systems, they're building cloud-first IT architectures able to continuously adapt to a world of billions of connected devices. And they're pursuing strategies that will take their place alongside classic, winning business formulae like disruptive innovation. These against-the-grain approaches to the basic building blocks of business—Intelligence, Data,

Expertise, Architecture, and Strategy (IDEAS)—are transforming competition. Industrial giants and startups alike are drawing on this radically human IDEAS framework to create new business models, optimize post-pandemic approaches to work and talent, rebuild trust with their stakeholders, and show the way toward a sustainable future. With compelling insights and fresh examples from a variety of industries, Radically Human will show you the way you think about, practice, and win with innovation.

Building Big Data and Analytics Solutions in the Cloud

The Imagination Machine

The Book Of Secrets

Digital Business Transformation

The Magic of Creativity

Leveraging Machine Intelligence to Drive Business ROI

Encyclopedia of Data Science and Machine Learning

Harnessing Data for New Business Models

Along with a shift towards value-based care, a digital transformation is under way in health care. However, health care enterprises are having a hard time keeping up with advances in information technology. Organizations that could once spend months or years developing a strategy to deliver solutions now must implement changes on a near real-time basis. Complicating matters is the emergence of new data sources, new technology architectures and models, and new methods to analyze an avalanche of data. This book provides a framework for understanding the competitive landscape for digital health and advanced analytics solutions that are harnessing data to unlock insights. It reveals a set of key principles, or universal themes, for success in the digital health marketplace. Whether you're a health care information technology specialist, a digital health startup or technology firm with a strategic focus on health care, a venture capitalist, or just interested in the industry structure and the emerging technology landscape in health care, you'll learn how to grow revenue

and profits while creating a sustainable competitive advantage. Take a key step in navigating the exciting transformation of health care, and harness the power of data and analytics with *The Big Unlock*.

This open access book presents the foundations of the Big Data research and innovation ecosystem and the associated enablers that facilitate delivering value from data for business and society. It provides insights into the key elements for research and innovation, technical architectures, business models, skills, and best practices to support the creation of data-driven solutions and organizations. The book is a compilation of selected high-quality chapters covering best practices, technologies, experiences, and practical recommendations on research and innovation for big data. The contributions are grouped into four parts: · Part I: Ecosystem Elements of Big Data Value focuses on establishing the big data value ecosystem using a holistic approach to make it attractive and valuable to all stakeholders. · Part II: Research and Innovation Elements of Big Data Value details the key technical and capability challenges to be addressed for delivering big data value. · Part III: Business, Policy, and Societal Elements of Big Data Value investigates the need to make more efficient use of big data and understanding that data is an asset that has significant potential for the economy and society. · Part IV: Emerging Elements of Big Data Value explores the critical elements to maximizing the future potential of big data value. Overall, readers are provided with insights which can support them in creating data-driven solutions, organizations, and productive data ecosystems. The material represents the results of a collective effort undertaken by the European data community as part of the Big Data Value Public-Private Partnership (PPP) between the European Commission and the Big Data Value Association (BDVA) to boost data-driven digital transformation.

This volume explores the diverse applications of advanced tools and technologies of the emerging field of big data and their evidential value in business. It examines the role of analytics tools and methods of using big data in strengthening businesses to meet today's information challenges and shows how businesses can adapt big data for effective businesses practices. This volume shows how big data and the use of data analytics is being effectively adopted more frequently, especially in companies that are looking for new methods to develop smarter capabilities and tackle challenges in dynamic processes. Many illustrative case studies are presented that highlight how companies in every sector are now focusing on harnessing data to create a new way of doing business.

National Geographic Adventurer of the Year Jennifer Pharr Davis unlocks the secret to maximizing perseverance—on and off the trail Jennifer Pharr Davis, a record holder of the FKT (fastest known time) on the Appalachian Trail, reveals the secrets and habits behind endurance as she chronicles her incredible accomplishments in the world of endurance hiking, backpacking, and trail running. With a storyteller's ear for fascinating detail and description, Davis takes readers along as she trains and sets her record, analyzing and trail-testing the theories and methodologies espoused by her star-studded roster of mentors. She distills complex rituals and histories into easy-to-understand tips and action items that will help you take perseverance to the next level. *The Pursuit of Endurance* empowers readers to unlock phenomenal endurance and leverage newfound grit to achieve personal bests in everything from sports and family to the boardroom.

Modern Enterprise Data Pipelines

How 45 Successful Companies Used Big Data Analytics to Deliver Extraordinary Results

Data Science for Executives

Unlocking The Hidden Dimensions Of Your Life

Big Data

Unlocking Financial Data

How Small Moves, Smartly Made, Can Set Big Things in Motion

Describing the hidden mysteries that are contained within each individual, the best-selling author of *The Spontaneous Fulfillment of Desire* examines fifteen of these secrets—including "Life Hurts When It Is Unreal" and "There Is No Time But Now"—that hold the key to enlightenment, transformation, and personal fulfillment. Reprint. 125,000 copies. Why can some organizations innovate time and again, while most cannot? You might think the key to innovation is attracting exceptional creative talent. Or making the right investments. Or breaking down organizational silos. All of these things may help—but there's only one way to ensure sustained innovation: you need to lead it—and with it, Genius shows you how. Preeminent leadership scholar Linda Hill, along with former Pixar tech wizard Greg Brandeau, MIT researcher Emily Truelove, and *Being the Boss* coauthor Kent Lineback, found among leaders a widely shared, and mistaken, assumption: that a "good" leader in all other respects would also be an effective leader of innovation takes a distinctive kind of leadership, one that unleashes and harnesses the "collective genius" of the people in the organization. Using vivid stories of individual leaders at companies like Volkswagen, Google, eBay, and Pfizer, as well as nonprofits and international government agencies, the authors show how successful leaders of innovation make innovation happen themselves. Rather, they create and sustain a culture where innovation is allowed to happen again and again—an environment where people are both willing and able to do the hard work that innovative problem solving requires. Collective Genius will not only inspire you; it will give you the concrete, practical guidance to weave innovation into the fabric of your business.

Marketers are harnessing the enormous power of AI to drive unprecedented results. The world of marketing is undergoing major change. Sophisticated algorithms can test billions of marketing messages and measure results, and shift the weight of campaigns—all in real time. What's next? A complete transformation of marketing as we know it. Implement customized advertising tactics at virtually every point of digital contact. *The Invisible Brand* provides an in-depth exploration of the risks and rewards of this epochal shift—while delivering the information and insight you need to stay ahead of the game. Renowned technologist William Ammerman draws from his decades of experience to provide a roadmap to our data-driven future. You'll learn how data and AI will forge a new level of persuasiveness and influence for reshaping consumers' buying decisions. You'll understand the technology behind these changes and see how it is already at work in digital assistants, recommendation engines and digital advertising. And you'll learn how to harness the power of artificial intelligence for maximum results. As we enter the age of mass customization of messaging, power and influence will go to those who know the consumer best. Whether you are a marketing executive or concerned citizen, *The Invisible Brand* provides everything you need to understand how brands are harnessing the power of AI.

Harnessing the Power of the Most Misunderstood Emotion