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A Gentle Introduction to Lean Software Development-Stephen Haunts 2017-12-20 Discover what is involved with Lean Software Development and Kanban so that you can more efficiently deliver software to your customers Incorporating Lean Manufacturing and Lean IT principles and practices are essential to delivering software to your customers quickly and easily. This book, A Gentle Introduction to Lean Software Development, will help you understand how the lean principles can be applied to software development, Lean Software Architecture and Lean Software Strategies, so that you can more efficiently deliver software to your customers. In this book you will learn about... Lean Manufacturing Lean Software Development Applying Lean Software Development? Agile Software Development vs. Lean Software Development Software Practices to Support Lean Kanban About the Author Stephen Haunts is an experienced software developer with a focus on Microsoft .NET technologies and security for back-end enterprise systems. Stephen is also a Pluralsight Author, blogger at www.stephenhaunts.com, writer and international conference speaker at events like NDC London, NDC Oslo, NDC Sydney, Techorama and SDD Conf. Stephen also runs a user group called Derbyshire Dot Net in the UK.

A Gentle Introduction to Agile and Lean Software Development-Stephen Haunts 2018-02-12 Discover what is involved with Agile and Lean Software Development, Scrum, Extreme Programming, Lean and Kanban Learning new software development processes can be difficult, but switching to Agile and Lean doesn't need to be complicated. Explore the theories behind Agile and Lean Software Development, and learn how to make it work for you. In a Gentle Introduction to Agile and Lean Software Development, author Stephen Haunts will guide you to a fuller understanding of Agile, Scrum, Extreme Programming, Lean, and Kanban. You will learn about the advantages and disadvantages, and how to get the most out of it. In this book you will learn... Introduction Waterfall Development and its Problems What is Agile? Common Agile Misconceptions and Mistakes Advantages and Disadvantages Extreme Programming (XP) Scrum Lean Manufacturing Lean Software Development Applying Lean Software Development? Agile Software Development vs. Lean Software Development Software Practices to Support Lean Kanban About the

Author Stephen Haunts has been a professional software and applications developer since 1996 and as a hobby since he was 10. Stephen has worked in many different industries including computer games, online banking, retail finance, healthcare & pharmaceuticals and insurance. Stephen started programming in BASIC on machines such as the Dragon 32, Vic 20 and the Amiga and moved onto C and C++ on the IBM PC. Stephen has been developing software in C# and the .NET framework since first being introduced to it in 2003. As well as being an accomplished software developer, Stephen is also an experienced development leader and has led, mentored and coached teams to deliver many high-value, high-impact solutions in finance and healthcare. Outside of Stephen's day job, he is also an experienced tech blogger who runs a popular blog called Coding in the Trenches at http: //www.stephenhaunts.com/, and he is also a training course author for the popular online training company Pluralsight. Stephen also runs several open source projects including SafePad, Text Shredder, Block Encryptor, and Smoke Tester-the post-deployment testing tool.

Lean-Agile Software Development-Alan Shalloway 2009-10-22 Agile techniques have demonstrated immense potential for developing more effective, higher-quality software. However,scaling these techniques to the enterprise presents many challenges. The solution is to integrate the principles and practices of Lean Software Development with Agile's ideology and methods. By doing so, software organizations leverage Lean's powerful capabilities for "optimizing the whole" and managing complex enterprise projects. A combined "Lean-Agile" approach can dramatically improve both developer productivity and the software's business value.In this book, three expert Lean software consultants draw from their unparalleled experience to gather all the insights, knowledge, and new skills you need to succeed with Lean-Agile development. Lean-Agile Software Development shows how to extend Scrum processes with an Enterprise view based on Lean principles. The authors present crucial technical insight into emergent design, and demonstrate how to apply it to make iterative development more effective. They also identify several common development "anti-patterns" that can work against your goals, and they offer actionable, proven alternatives. Lean-Agile Software Development shows how to Transition to Lean Software Development quickly and successfully Manage the initiation of product enhancements Help project managers work together to manage product portfolios more effectively Manage dependencies across the software development organization and with its partners and colleagues Integrate development and QA roles to improve quality and eliminate waste Determine best practices for different software development teams The book's companion Web site, www.netobjectives.com/lasd, provides updates, links to related materials, and support for discussions of the book's content.

Data Management: a gentle introduction-Bas van Gils 2020-03-03 The overall objective of this book is to show that data management is an exciting and valuable capability that is worth time and effort. More specifically it aims to achieve the following goals: 1. To give a "gentle" introduction to the field of DM by explaining and illustrating its core concepts, based on a mix of theory, practical frameworks such as TOGAF, ArchiMate, and DMBOK, as well as results from real-world assignments. 2. To offer guidance on how to build an effective DM capability in an organization.This is illustrated by various use cases, linked to

the previously mentioned theoretical exploration as well as the stories of practitioners in the field. The primary target groups are: busy professionals who "are actively involved with managing data". The book is also aimed at (Bachelor's/ Master's) students with an interest in data management. The book is industry-agnostic and should be applicable in different industries such as government, finance, telecommunications etc. Typical roles for which this book is intended: data governance office/ council, data owners, data stewards, people involved with data governance (data governance board), enterprise architects, data architects, process managers, business analysts and IT analysts. The book is divided into three main parts: theory, practice, and closing remarks. Furthermore, the chapters are as short and to the point as possible and also make a clear distinction between the main text and the examples. If the reader is already familiar with the topic of a chapter, he/she can easily skip it and move on to the next.

Lean Software Development-Mary Poppendieck 2003-05-08 Lean Software Development: An Agile Toolkit Adapting agile practices to your development organization Uncovering and eradicating waste throughout the software development lifecycle Practical techniques for every development manager, project manager, and technical leader Lean software development: applying agile principles to your organization In Lean Software Development, Mary and Tom Poppendieck identify seven fundamental "lean" principles, adapt them for the world of software development, and show how they can serve as the foundation for agile development approaches that work. Along the way, they introduce 22 "thinking tools" that can help you customize the right agile practices for any environment. Better, cheaper, faster software development. You can have all three–if you adopt the same lean principles that have already revolutionized manufacturing, logistics and product development. Iterating towards excellence: software development as an exercise in discovery Managing uncertainty: "decide as late as possible" by building change into the system. Compressing the value stream: rapid development, feedback, and improvement Empowering teams and individuals without compromising coordination Software with integrity: promoting coherence, usability, fitness, maintainability, and adaptability How to "see the whole"–even when your developers are scattered across multiple locations and contractors Simply put, Lean Software Development helps you refocus development on value, flow, and people–so you can achieve breakthrough quality, savings, speed, and business alignment.

A Gentle Introduction to Statistics Using SASR Studio-Ron Cody 2019-09-27 Point and click your way to performing statistics! Many people are intimidated by learning statistics, but A Gentle Introduction to Statistics Using SAS Studio is here to help. Whether you need to perform statistical analysis for a project or, perhaps, for a course in education, psychology, sociology, economics, or any other field that requires basic statistical skills, this book teaches the fundamentals of statistics, from designing your experiment through calculating logistic regressions. Serving as an introduction to many common statistical tests and principles, it explains concepts in a non-technical way with little math and very few formulas. Once the basic statistical concepts are covered, the book then demonstrates how to use them with SAS Studio and SAS University Edition's easy point-and-click interface. Topics included in this book are: How to install and use SAS University Edition Descriptive statistics One-sample tests T tests (for independent or paired samples) One-way analysis of variance (ANOVA) N-way ANOVA Correlation analysis Simple and multiple linear regression Binary logistic regression Categorical data, including two-way tables and chi-square Power and sample size calculations Questions are provided to test your knowledge and practice your skills.

A Gentle Introduction to Effective Computing in Quantitative Research-Harry J. Paarsch 2016-05-06 A practical guide to using modern software effectively in quantitative research in the social and natural sciences. This book offers a practical guide to the computational methods at the heart of most modern quantitative research. It will be essential reading for research assistants needing hands-on experience; students entering PhD programs in business, economics, and other social or natural sciences; and those seeking quantitative jobs in industry. No background in computer science is assumed; a learner need only have a computer with access to the Internet. Using the example as its principal pedagogical device, the book offers tried-and-true prototypes that illustrate many important computational tasks required in quantitative research. The best way to use the book is to read it at the computer keyboard and learn by doing. The book begins by introducing basic skills: how to use the operating system, how to organize data, and how to complete simple programming tasks. For its demonstrations, the book uses a UNIX-based operating system and a set of free software tools: the scripting language Python for programming tasks; the database management system SQLite; and the freely available R for statistical computing and graphics. The book goes on to describe particular tasks: analyzing data, implementing commonly used numerical and simulation methods, and creating extensions to Python to reduce cycle time. Finally, the

book describes the use of LaTeX, a document markup language and preparation system.

Scrumban - Essays on Kanban Systems for Lean Software Development-Corey Ladas 2009-01-01 Corey Ladas' groundbreaking paper "ScrumBan" has captured the imagination of the software development world. Scrum and agile methodologies have helped software development teams organize and become more efficient. Lean methods like kanban can extend these benefits. Kanban also provides a powerful mechanism to identify process improvement opportunities. This book covers some of the metrics and day-to-day management techniques that make continuous improvement an achievable outcome in the real world. ScrumBan the book provides a series of essays that give practitioners the background needed to create more robust practices combining the best of agile and lean.

A Gentle Introduction to Speaking in Public-Stephen Haunts 2017-11-22 Don't let Public Speaking Anxiety or Fear or a lack of Self-Confidence get the Better of You Speaking in public, whether it is for a company presentation or in front of a large public audience, can be a frightening experience, but with proper planning and practicing you can reduce the amount of anxiety you will experience and develop the self-confidence needed to deliver a killer talk or presentation. Perhaps you are inspired by your favorite TED speakers, and you want to understand how they prepare and plan for a talk. This book will help you do just that.I started speaking in public three years ago to help promote my video training business, and like most people, I was terrified, but the more I did it, and the more I prepared, the easier it becomes. In this book, I have I written down all the tips and tricks that I have learned on my journey from novice to a professional speaker where I have traveled the world speaking at large tech conferences. In this book you will learn... How to create engaging presentations How to best prepare for giving a talk, mentally and physically How to deliver a great talk with confidence like a professional TED speaker About the Author Stephen Haunts has been a professional software and applications developer since 1996 and as a hobby since he was 10. Stephen has worked in many different industries including computer games, online banking, retail finance, healthcare & pharmaceuticals and insurance. Stephen started programming in BASIC on machines such as the Dragon 32, Vic 20 and the Amiga and moved onto C and C++ on the IBM PC. Stephen has been developing software in C# and the .NET framework since first being introduced to it in 2003. As well as being an accomplished software developer, Stephen is also an experienced development leader and has led, mentored and coached teams to deliver many high-value, high-impact solutions in finance and healthcare. Outside of Stephen's day job, he is also an experienced tech blogger who runs a popular blog called Coding in the Trenches at http://www.stephenhaunts.com/, and he is also a training course author for the popular online training company Pluralsight. Stephen also runs several open source projects including SafePad, Text Shredder, Block Encryptor, and Smoke Tester--the post-deployment testing tool.

Lean Logic-David Fleming 2016 Lean Logic is David Fleming's masterpiece, the product of more than thirty years' work and a testament to the creative brilliance of one of Britain's most important intellectuals. A dictionary unlike any other, it leads readers through Fleming's stimulating exploration of fields as diverse as culture, history, science, art, logic, ethics, myth, economics, and anthropology, being made up of four hundred and four engaging essay-entries covering topics such as Boredom, Community, Debt, Growth, Harmless Lunatics, Land, Lean Thinking, Nanotechnology, Play, Religion, Spirit, Trust, and Utopia. The threads running through every entry are Fleming's deft and original analysis of how our present market-based economy is destroying the very foundations--ecological, economic, and cultural-- on which it depends, and his core focus: a compelling, grounded vision for a cohesive society that might weather the consequences. A society that provides a satisfying, culturally-rich context for lives well lived, in an economy not reliant on the impossible promise of eternal economic growth. A society worth living in. Worth fighting for. Worth contributing to. The beauty of the dictionary format is that it allows Fleming to draw connections without detracting from his in-depth exploration of each topic. Each entry carries intriguing links to other entries, inviting the enchanted reader to break free of the imposed order of a conventional book, starting where she will and following the links in the order of her choosing. In combination with Fleming's refreshing writing style and good-natured humor, it also creates a book perfectly suited to dipping in and out. The decades Fleming spent honing his life's work are evident in the lightness and mastery with which Lean Logic draws on an incredible wealth of cultural and historical learning--from Whitman to Whitefield, Dickens to Daly, Kropotkin to Kafka, Keats to Kuhn, Oakeshott to Ostrom, Jung to Jensen, Machiavelli to Mumford, Mauss to Mandelbrot, Leopold to Lakatos, Polanyi to Putnam, Nietzsche to Næss, Keynes to Kumar, Scruton to Shiva, Thoreau to Toynbee, Rabelais to Rogers, Shakespeare to Schumacher, Locke to Lovelock, Homer to Homer-Dixon--in demonstrating that many of the principles it commends have a track-record of success long pre-dating our current society. Fleming

acknowledges, with honesty, the challenges ahead, but rather than inducing despair, Lean Logic is rare in its ability to inspire optimism in the creativity and intelligence of humans to nurse our ecology back to health; to rediscover the importance of place and play, of reciprocity and resilience, and of community and culture. ------ Recognizing that Lean Logic's sheer size and unusual structure could be daunting, Fleming's long-time collaborator Shaun Chamberlin has also selected and edited one of the potential pathways through the dictionary to create a second, stand-alone volume, Surviving the Future: Culture, Carnival and Capital in the Aftermath of the Market Economy. The content, rare insights, and uniquely enjoyable writing style remain Fleming's, but presented at a more accessible paperback-length and in conventional read-it-front-to-back format.

Agile Project Management-Jim Highsmith 2009-07-10 Best practices for managing projects in agile environments—now updated with new techniques for larger projects Today, the pace of project management moves faster. Project management needs to become more flexible and far more responsive to customers. Using Agile Project Management (APM), project managers can achieve all these goals without compromising value, quality, or business discipline. In Agile Project Management, Second Edition, renowned agile pioneer Jim Highsmith thoroughly updates his classic guide to APM, extending and refining it to support even the largest projects and organizations. Writing for project leaders, managers, and executives at all levels, Highsmith integrates the best project management, product management, and software development practices into an overall framework designed to support unprecedented speed and mobility. The many topics added in this new edition include incorporating agile values, scaling agile projects, release planning, portfolio governance, and enhancing organizational agility. Project and business leaders will especially appreciate Highsmith's new coverage of promoting agility through performance measurements based on value, quality, and constraints. This edition's coverage includes: Understanding the agile revolution's impact on product development Recognizing when agile methods will work in project management, and when they won't Setting realistic business objectives for Agile Project Management Promoting agile values and principles across the organization Utilizing a proven Agile Enterprise Framework that encompasses governance, project and iteration management, and technical practices Optimizing all five stages of the agile project: Envision, Speculate, Explore, Adapt, and Close Organizational and product-related processes for scaling agile to the largest projects and teams Agile project governance solutions for executives and management The "Agile Triangle": measuring performance in ways that encourage agility instead of discouraging it The changing role of the agile project leader

Velocity-Dee Jacob 2009-12-29 Millions of readers remember The Goal, the landmark business novel that sets forth by way of story the essential principles of Eliyahu Goldratt's innovative methods of production. Now, from the AGI-Goldratt Institute and Jeff Cox, the same creative writer who co-authored The Goal, comes VELOCITY, the book that reveals how to achieve outstanding bottom-line results by integrating the world's three most powerful continuous improvement disciplines: Lean, Six Sigma, and Goldratt's Theory of Constraints. Used by the United States Navy and United States Marine Corps to dramatically improve some of the most complex, logistically vast supply chains in the world, the VELOCITY APPROACH draws on the strengths of all three disciplines to deliver breakthrough performance gains. In physics, speed with direction is velocity; in business, the application of VELOCITY means your organization can achieve operational speed with strategic direction to outmaneuver competitors, gain loyalty with customers, and rapidly build sustainable earnings growth -- in as little as one or two business quarters. Dee Jacob and Suzan Bergland, two princi-pals of AGI, have been teaching the concepts, techniques, and tools of VELOCITY to major corporations, including Procter & Gamble, ITT, and Northrop Grumman, for years. Now they unlock the door for you to see how to apply their insights and methods to your organization -- be it business, not-for-profit, manufacturing, or service based -- in order to shorten lead times, slash inventories, reduce production variability, and increase sales. Writer Jeff Cox returns with the vivid, realistic style that made The Goal so readable yet so edifying. Thrust into the presidency of the subsidiary company where she has managed sales and marketing, Amy Cieolara is mandated by her corporate superiors to implement Lean Six Sigma (LSS) in order to appease a key customer. Assigned to help her is LSS Master Black Belt Wayne Reese, installed as her operations manager. But as time goes on and corporate pressure mounts, Amy finds she has to start thinking for herself -- and learning from everyone around her -- and she arrives at the series of steps that form the core of the VELOCITY APPROACH. VELOCITY offers keen insight into the human and organizational factors that so often derail growth while teaching you proven, practical techniques for restarting and revving up the internal engines of your company to reach new levels of success. Colorful characters, believable situations, and everything from

dice games to AGI's "reality tree" techniques make this business novel a vital resource for everyone seeking to deliver business improvement in these challenging economic times -- and far into the future.

DevOps-Len Bass 2015-05-08 The First Complete Guide to DevOps for Software Architects DevOps promises to accelerate the release of new software features and improve monitoring of systems in production, but its crucial implications for software architects and architecture are often ignored. In DevOps: A Software Architect's Perspective, three leading architects address these issues head-on. The authors review decisions software architects must make in order to achieve DevOps' goals and clarify how other DevOps participants are likely to impact the architect's work. They also provide the organizational, technical, and operational context needed to deploy DevOps more efficiently, and review DevOps' impact on each development phase. The authors address cross-cutting concerns that link multiple functions, offering practical insights into compliance, performance, reliability, repeatability, and security. This guide demonstrates the authors' ideas in action with three real-world case studies: datacenter replication for business continuity, management of a continuous deployment pipeline, and migration to a microservice architecture. Comprehensive coverage includes • Why DevOps can require major changes in both system architecture and IT roles • How virtualization and the cloud can enable DevOps practices • Integrating operations and its service lifecycle into DevOps • Designing new systems to work well with DevOps practices • Integrating DevOps with agile methods and TDD • Handling failure detection, upgrade planning, and other key issues • Managing consistency issues arising from DevOps' independent deployment models • Integrating security controls, roles, and audits into DevOps • Preparing a business plan for DevOps adoption, rollout, and measurement

Gentle Introduction to Dependent Types With Idris-Boro Sitnikovski 2018-09-07 Dependent types are a powerful concept that allow us to write proof-carrying code. Idris is a programming language that supports dependent types. We will learn about the mathematical foundations, and then write correct software and mathematically prove properties about it.This book aims to be accessible to novices, and no prior experience beyond high school mathematics is needed. Thus, this book is written in a way to be self-contained.The first part of this book serves as an introduction to the theory behind Idris, while the second part is a practical introduction to Idris with examples.

Six Sigma with R-Emilio L. Cano 2012-07-04 Six Sigma has arisen in the last two decades as a breakthrough Quality Management Methodology. With Six Sigma, we are solving problems and improving processes using as a basis one of the most powerful tools of human development: the scientific method. For the analysis of data, Six Sigma requires the use of statistical software, being R an Open Source option that fulfills this requirement. R is a software system that includes a programming language widely used in academic and research departments. Nowadays, it is becoming a real alternative within corporate environments. The aim of this book is to show how R can be used as the software tool in the development of Six Sigma projects. The book includes a gentle introduction to Six Sigma and a variety of examples showing how to use R within real situations. It has been conceived as a self contained piece. Therefore, it is addressed not only to Six Sigma practitioners, but also to professionals trying to initiate themselves in this management methodology. The book may be used as a text book as well.

Leading Lean Software Development-Mary Poppendieck 2009-10-21 Building on their breakthrough bestsellers Lean Software Development and Implementing Lean Software Development, Mary and Tom Poppendieck's latest book shows software leaders and team members exactly how to drive high-value change throughout a software organization—and make it stick. They go far beyond generic implementation guidelines, demonstrating exactly how to make lean work in real projects, environments, and companies. The Poppendiecks organize this book around the crucial concept of frames, the unspoken mental constructs that shape our perspectives and control our behavior in ways we rarely notice. For software leaders and team members, some frames lead to long-term failure, while others offer a strong foundation for success. Drawing on decades of experience, the authors present twenty-four frames that offer a coherent, complete framework for leading lean software development. You'll discover powerful new ways to act as competency leader, product champion, improvement mentor, front-line leader, and even visionary. Systems thinking: focusing on customers, bringing predictability to demand, and revamping policies that cause inefficiency Technical excellence: implementing low-dependency architectures, TDD, and evolutionary development processes, and promoting deeper developer expertise Reliable delivery: managing your biggest risks more effectively, and optimizing both workflow and schedules Relentless improvement: seeing problems, solving problems, sharing the knowledge Great people: finding and growing professionals with purpose, passion, persistence, and pride Aligned leaders: getting your entire leadership team on the same page From the world's number one experts in Lean

software development, Leading Lean Software Development will be indispensable to everyone who wants to transform the promise of lean into reality—in enterprise IT and software companies alike.

Introduction to Information Retrieval-Christopher D. Manning 2008-07-07 Class-tested and coherent, this textbook teaches classical and web information retrieval, including web search and the related areas of text classification and text clustering from basic concepts. It gives an up-to-date treatment of all aspects of the design and implementation of systems for gathering, indexing, and searching documents; methods for evaluating systems; and an introduction to the use of machine learning methods on text collections. All the important ideas are explained using examples and figures, making it perfect for introductory courses in information retrieval for advanced undergraduates and graduate students in computer science. Based on feedback from extensive classroom experience, the book has been carefully structured in order to make teaching more natural and effective. Slides and additional exercises (with solutions for lecturers) are also available through the book's supporting website to help course instructors prepare their lectures.

Kanban in Action-Marcus Hammarberg 2013-09-28 Summary Kanban in Action is a down-to-earth, no-frills, get-to-know-the-ropes introduction to kanban. It's based on the real-world experience and observations from two kanban coaches who have introduced this process to dozens of teams. You'll learn the principles of why kanban works, as well as nitty-gritty details like how to use different color stickies on a kanban board to help you organize and track your work items. About the Book Too much work and too little time? If this is daily life for your team, you need kanban, a lean knowledge-management method designed to involve all team members in continuous improvement of your process. Kanban in Action is a practical introduction to kanban. Written by two kanban coaches who have taught the method to dozens of teams, the book covers techniques for planning and forecasting, establishing meaningful metrics, visualizing queues and bottlenecks, and constructing and using a kanban board. Written for all members of the development team, including leaders, coders, and business stakeholders. No experience with kanban is required. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. What's Inside How to focus on work in process and finish faster Examples of successful implementations How team members can make informed decisions About the Authors Marcus Hammarberg is a kanban coach and software developer with experience in BDD, TDD, Specification by Example, Scrum, and XP. Joakim Sundén is an agile coach at Spotify who cofounded the first kanban user groups in Europe. Table of Contents PART 1 LEARNING KANBAN Team Kanbaneros gets started PART 2 UNDERSTANDING KANBAN Kanban principles Visualizing your work Work items Work in process Limiting work in process Managing flow PART 3 ADVANCED KANBAN Classes of service Planning and estimating Process improvement Using metrics to guide improvements Kanban pitfalls Teaching kanban through games

Discrete Mathematics with Ducks-Sarah-marie Belcastro 2018-11-15 Discrete Mathematics with Ducks, Second Edition is a gentle introduction for students who find the proofs and abstractions of mathematics challenging. At the same time, it provides stimulating material that instructors can use for more advanced students. The first edition was widely well received, with its whimsical writing style and numerous exercises and materials that engaged students at all levels. The new, expanded edition continues to facilitate effective and active learning. It is designed to help students learn about discrete mathematics through problem-based activities. These are created to inspire students to understand mathematics by actively practicing and doing, which helps students better retain what they've learned. As such, each chapter contains a mixture of discovery-based activities, projects, expository text, in-class exercises, and homework problems. The author's lively and friendly writing style is appealing to both instructors and students alike and encourages readers to learn. The book's light-hearted approach to the subject is a guiding principle and helps students learn mathematical abstraction. Features: The book's Try This! sections encourage students to construct components of discussed concepts, theorems, and proofs Provided sets of discovery problems and illustrative examples reinforce learning Bonus sections can be used by instructors as part of their regular curriculum, for projects, or for further study

A Dog Called Homeless-Sarah Lean 2012-09-04 Praised by Newbery Medal–winning author Katherine Applegate as "graceful" and "miraculous," this Schneider Family Book Award–winning novel tells how one girl's friendship with a homeless dog mends a family's heart. Cally Fisher knows she can see her dead mother, but the only other living soul who does is a mysterious wolfhound who always seems to be there when her mom appears. How can Cally convince anyone that her mom is still with the family, or persuade her dad that the huge silver-gray dog belongs with them? With beautiful, spare writing and adorable animals, A Dog Called Homeless is perfect for readers of favorite middle-grade novels starring dogs, such as Because of Winn-Dixie and Shiloh.

The Linux Command Line-William E. Shotts, Jr. 2012 You've experienced the shiny, point-and-click surface of your Linux computer—now dive below and explore its depths with the power of the command line. The Linux Command Line takes you from your very first terminal keystrokes to writing full programs in Bash, the most popular Linux shell. Along the way you'll learn the timeless skills handed down by generations of gray-bearded, mouse-shunning gurus: file navigation, environment configuration, command chaining, pattern matching with regular expressions, and more. In addition to that practical knowledge, author William Shotts reveals the philosophy behind these tools and the rich heritage that your desktop Linux machine has inherited from Unix supercomputers of yore. As you make your way through the book's short, easily-digestible chapters, you'll learn how to: * Create and delete files, directories, and symlinks * Administer your system, including networking, package installation, and process management * Use standard input and output, redirection, and pipelines * Edit files with Vi, the world's most popular text editor * Write shell scripts to automate common or boring tasks * Slice and dice text files with cut, paste, grep, patch, and sed Once you overcome your initial "shell shock," you'll find that the command line is a natural and expressive way to communicate with your computer. Just don't be surprised if your mouse starts to gather dust. A featured resource in the Linux Foundation's "Evolution of a SysAdmin"

Lean Change Management-Jason Little 2014-10-03 "Change resistance is a natural reaction, when you don't involve the people affected by the change in the design of the change. This book will help you implement successful change and bypass change resistance by co-creating change. The book will do that through examples of how innovative practices can dramatically improve the success of change programs. These practices combine ideas from the Agile, Lean Startup, change management, organizational development and psychology communities. This book will change how you think about change."--

Statistical Inference via Data Science: A ModernDive into R and the Tidyverse-Chester Ismay 2019-12-23 Statistical Inference via Data Science: A ModernDive into R and the Tidyverse provides a pathway for learning about statistical inference using data science tools widely used in industry, academia, and government. It introduces the tidyverse suite of R packages, including the ggplot2 package for data visualization, and the dplyr package for data wrangling. After equipping readers with just enough of these data science tools to perform effective exploratory data analyses, the book covers traditional introductory statistics topics like confidence intervals, hypothesis testing, and multiple regression modeling, while focusing on visualization throughout. Features: ● Assumes minimal prerequisites, notably, no prior calculus nor coding experience ● Motivates theory using real-world data, including all domestic flights leaving New York City in 2013, the Gapminder project, and the data journalism website, FiveThirtyEight.com ● Centers on simulation-based approaches to statistical inference rather than mathematical formulas ● Uses the infer package for "tidy" and transparent statistical inference to construct confidence intervals and conduct hypothesis tests via the bootstrap and permutation methods ● Provides all code and output embedded directly in the text; also available in the online version at moderndive.com This book is intended for individuals who would like to simultaneously start developing their data science toolbox and start learning about the inferential and modeling tools used in much of modern-day research. The book can be used in methods and data science courses and first courses in statistics, at both the undergraduate and graduate levels.

God's Politician-Garth Lean 2007-01-01 A faith that changed history: this is the story of William Wilberforce's struggle to abolish the Slave Trade and reform the morals of Great Britain. In God's Politician, Garth Lean provides an insightful and stirring account of how Wilberforce and his colleagues in the Clapham circle put their faith into action and changed the course of history. Their legacy was one of far-reaching moral renewal as well as testimony to the power of the individual to effect change in his world. Foreword by Charles W. Colson

Python for the Life Sciences-Alexander Lancaster 2019-09-27 Treat yourself to a lively, intuitive, and easy-to-follow introduction to computer programming in Python. The book was written specifically for biologists with little or no prior experience of writing code - with the goal of giving them not only a foundation in Python programming, but also the confidence and inspiration to start using Python in their own research. Virtually all of the examples in the book are drawn from across a wide spectrum of life science research, from simple biochemical calculations and sequence analysis, to modeling the dynamic interactions of genes and proteins in cells, or the drift of genes in an evolving population. Best of all, Python for the Life Sciences shows you how to implement all of these projects in Python, one of the most popular programming languages for scientific computing. If you are a life scientist interested in learning Python to jump-start your research, this is the book for you. What You'll Learn Write Python scripts to automate your lab calculations Search for important motifs in genome sequences Use object-oriented programming with

Python Study mining interaction network data for patterns Review dynamic modeling of biochemical switches Who This Book Is For Life scientists with little or no programming experience, including undergraduate and graduate students, postdoctoral researchers in academia and industry, medical professionals, and teachers/lecturers. "A comprehensive introduction to using Python for computational biology... A lovely book with humor and perspective" -- John Novembre, Associate Professor of Human Genetics, University of Chicago and MacArthur Fellow "Fun, entertaining, witty and darn useful. A magical portal to the big data revolution" -- Sandro Santagata, Assistant Professor in Pathology, Harvard Medical School "Alex and Gordon's enthusiasm for Python is contagious" -- Glenys Thomson Professor of Integrative Biology, University of California, Berkeley

Lean Habits For Lifelong Weight Loss-Georgie Fear 2015-04-07 Simple, Everyday Habits for a Lifetime of Leanness If you feel like you've tried every fad diet in town and you're still carrying extra weight, Lean Habits is your answer. With easy tweaks to everyday decisions, you'll enjoy your meals, have tons more energy and most of all, you'll achieve long-term weight loss success without food restrictions. Georgie Fear is a registered dietitian and nutrition expert whose specialty is one-on-one coaching to help people lose weight permanently. Lean Habits is her personalized plan. It is not a diet; it's a lifestyle. Other diets that dictate calorie counting or food restrictions simply don't work because they're not sustainable. You lose the weight only to gain it back when you get sick of avoiding all your favorite foods. What does work are small, personalized changes to your lifestyle—like learning to sense when you are truly hungry, and recognizing the signs to stop eating at "just enough"— which lead to healthier eating habits that you practice every day. Lean Habits will help you understand your relationship with food, your habits that are keeping you from weight loss and how you can start listening to your body's real needs. Simple modifications will be your stepping-stones to a healthy life in which you lose weight while still eating the food you love. Georgie's strategy is founded on rock-solid modern scientific data and is accessible to everyone—even those who love chocolate. This is the weight-loss guide for real people, so, if you're ready to get started on your real-life weight loss journey, take a deep breath and let's get lean!

Learn You a Haskell for Great Good!-Miran Lipovača 2011 Learn You a Haskell for Great Good!is a fun, illustrated guide to learning Haskell, a functional programming language that's growing in popularity.Learn You a Haskell for Great Good!introduces programmers familiar with imperative languages (such as C++, Java, or Python) to the unique aspects of functional programming. Packed with jokes, pop culture references, and the author's own hilarious artwork,Learn You a Haskell for Great Good!eases the learning curve of this complex language, and is a perfect starting point for any programmer looking to expand his or her horizons. The well-known web tutorial on which this book is based is widely regarded as the best way for beginners to learn Haskell, and receives over 30,000 unique visitors monthly.

The Lean-Kathy Freston 2013-03-12 Kathy Freston, the New York Times bestselling author of Veganist, urges "leaning in" for a leaner body—small changes that yield big results—in this simple but effective weight-loss plan.

Learning Agile-Andrew Stellman 2014-11-12 Learning Agile is a comprehensive guide to the most popular agile methods, written in a light and engaging style that makes it easy for you to learn. Agile has revolutionized the way teams approach software development, but with dozens of agile methodologies to choose from, the decision to "go agile" can be tricky. This practical book helps you sort it out, first by grounding you in agile's underlying principles, then by describing four specific—and well-used—agile methods: Scrum, extreme programming (XP), Lean, and Kanban. Each method focuses on a different area of development, but they all aim to change your team's mindset—from individuals who simply follow a plan to a cohesive group that makes decisions together. Whether you're considering agile for the first time, or trying it again, you'll learn how to choose a method that best fits your team and your company. Understand the purpose behind agile's core values and principles Learn Scrum's emphasis on project management, self-organization, and collective commitment Focus on software design and architecture with XP practices such as test-first and pair programming Use Lean thinking to empower your team, eliminate waste, and deliver software fast Learn how Kanban's practices help you deliver great software by managing flow Adopt agile practices and principles with an agile coach

Dark Blade-Steve Feasey 2019-07-11 A sweeping epic fantasy perfect for fans of the Summoner trilogy by Taran Matharu and Shadow and Bone by Leigh Bardugo WHEN GODS FAIL, WHO WILL KEEP THE DARKNESS OUT? Lann knows nothing of his mysterious past, but by his fifteenth birthday he will come face to face with destiny. For Lann must wield the Dreadblade, an ancient sword forged to defeat terrible monsters. Across the mountains a King has been murdered. His daughter, Astrid, is a warrior with no

desire to bear the crown. Only she can uncover her father's killer before her brother is framed for the crime. Evil is stirring. Lann and Astrid are the kingdom's last defence. Together, they must face the greatest darkness their world has ever known.

The Art of Conversation-Stephen Haunts 2019-11-22 If shyness is impacting your life in a negative way and you're ready to break free from social awkwardness and fear, then you've found the right book.We're not born knowing how to handle social situations. Manners are taught, we make friends by learning how not to, and as we grow we begin to conform to the expected standards. But sometimes, it's not so easy to know what to say or how to act. Social skills are critical for success in life, but they can also be hard to come by. If you're struggling to communicate effectively and overcome your fear, you need a guide to help you along the way. You need this book.Step by step, chapter by chapter, you'll learn how to let others know you're interested in what they have to say, keep them interested in you, and achieve open and eloquent conversation. Along the way, you'll also discover: How to keep a conversation going and avoid awkward lulls The importance of eye contact How to read a room or a person's mood and evaluate the best way to communicate Why laughter is essential, especially in social situations How to build relationships through respect and trust Why appearance matters, even when you're just conversing How to end a conversation without making the other person feel unwelcome And much, much more!Don't let your shyness keep you from experiencing the richness of life. Social skills can be learned, they can be refined, and they can change your life.About the AuthorStephen Haunts has been a professional software and application developer since 1996 and as a hobby since he was 10. Stephen has worked across many different industries including computer games, online banking, retail finance, healthcare & pharmaceuticals, and insurance. Stephen started programming in BASIC on machines such as the Dragon 32, Vic 20 and the Amiga and moved onto C and C++ on the IBM PC. Stephen has been developing software in C# and the .NET framework since first being introduced to it in 2003. As well as being an accomplished software developer, Stephen is also an experienced development leader and has led, mentored and coached teams to deliver many high-value, high-impact solutions in finance and healthcare. Outside of Stephen's day job, he is also an experienced tech blogger who runs a popular blog called Coding in the Trenches at http: //www.stephenhaunts.com/, and he is also a training course author for the popular online training company Pluralsight.

Learning scikit-learn: Machine Learning in Python-Raul Garreta 2013-11-25 The book adopts a tutorial-based approach to introduce the user to Scikit-learn.If you are a programmer who wants to explore machine learning and data-based methods to build intelligent applications and enhance your programming skills, this the book for you. No previous experience with machine-learning algorithms is required.

Lean For Dummies-Natalie J. Sayer 2012-04-11 Take charge and engage your enterprise in a Leantransformation Have you thought about using Lean in your business ororganization, but are not really sure how to implement it? Orperhaps you're already using Lean, but you need to get up to speed.Lean For Dummies shows you how to do more with less andcreate an enterprise that embraces change. In plain-English, thisfriendly guide explores the general overview of Lean, how flow andthe value stream works, and the best ways to apply Lean to yourenterprise. This revised edition includes the latest tools, advice, andinformation that can be used by everyone — from majorcorporations to small business, from non-profits and hospitals tomanufacturers and service corporations. In addition, it takes alook at the successes and failures of earlier Lean pioneers —including Toyota, the inventors of Lean — and offer casestudies and hands-on advice. The latest on the Six Sigma and Lean movements The role of technology and the expanding Lean toolbox Case studies enhance the material Lean For Dummies gives today's business owners and upperlevel management in companies of all sizes and in all industries,the tools and information they need to streamline process andoperate more efficiently.

Addis Ababa Noir-Maaza Mengiste 2020-08-04 "Addis is one of Africa's--and the world's--most vibrant, dynamic scene, and the new Akashic collection displays it in all its complexity. With acclaimed writer Maaza Mengiste at the editing helm, the book brings together an exciting collection of voices exploring the city's noir side. This is a chance for readers to discover an important literary scene and to explore a city's past and present." --CrimeReads, One of the Most Anticipated Crime Books of 2020 Included in African Book Addict's 2020 New Releases Preview "Novelist Mengiste presents 14 stories showcasing Ethiopia's capital at its darkest...A nice variety of bad behavior. East, West: Noir's best." --Kirkus Reviews "Each contributor embraces day-to-day life in Ethiopia, and fills each story with a rich sense of time, place, and character. The authors reveal much about a culture unfamiliar to many American readers." --Publishers Weekly Akashic Books continues its award-winning series of original noir anthologies, launched in 2004 with Brooklyn Noir. Each book comprises all new stories, each one set in a distinct neighborhood

or location within the respective city. Brand-new stories by: Maaza Mengiste, Adam Reta, Mahtem Shiferraw, Linda Yohannes, Sulaiman Addonia, Meron Hadero, Mikael Awake, Lelissa Girma, Rebecca Fisseha, Solomon Hailemariam, Girma T. Fantaye, Teferi Nigussie Tafa, Hannah Giorgis, and Bewketu Seyoum. From the introduction by Maaza Mengiste: What marks life in Addis Ababa are the starkly different realities coexisting in one place. It's a growing city taking shape beneath the fraught weight of history, myth, and memory. It is a heady mix. It can also be disorienting, and it is in this space that the stories of Addis Ababa Noir reside... These are not gentle stories. They cross into forbidden territories and traverse the damaged terrain of the human heart. The characters in these pages are complicated, worthy of our judgment as much as they somehow manage to elude it. The writers have each discovered their own ways to get us to lean in while forcing us to grit our teeth as we draw closer... Despite the varied and distinct voices in these pages, no single book can contain all of the wonderful, intriguing, vexing complexities of Addis Ababa. But what you will read are stories by some of Ethiopia's most talented writers living in the country and abroad. Each of them considers the many ways that myth and truth and a country's dark edges come together to create something wholly original--and unsettling.

The Enterprise and Scrum-Ken Schwaber 2007-06-13 It's time to extend the benefits of Scrum—greater agility, higher-quality products, and lower costs—from individual teams to your entire enterprise. However, with Scrum's lack of prescribed rules, the friction of change can be challenging as people struggle to break from old project management habits. In this book, agile-process revolution leader Ken Schwaber takes you through change management—for your organizational and interpersonal processes—explaining how to successfully adopt Scrum across your entire organization. A cofounder of Scrum, Ken draws from decades of experience, answering your questions through case studies of proven practices and processes. With them, you'll learn how to adopt—and adapt—Scrum in the enterprise. And gain profound levels of transparency into your development processes. Discover how to: Evaluate the benefits of adopting Scrum in any size organization Initiate an enterprise transition project Implement a single, prioritized Product Backlog Organize effective Scrum teams using a top-down approach Adapt and apply solutions for integrating engineering practices across multiple teams Shorten release times by managing high-value increments Refine your Scrum practices and help reduce the length of Sprints

Healthy Keto: Prevention Healing Kitchen-PREVENTION 2020-03-02 "Healthy Keto: Prevention Healing Kitchen shows you how to go keto the healthy way, with delicious high-fat, low-carb, plant-centric recipes to help you burn fat, lose weight, and boost your energy--without ever feeling hungry or deprived. With this sensible, science-based plan, you don't have to compromise your health to lose stubborn pounds. Instead of loads of cheese, bacon, and butter, this collection of recipes showcases Prevention's 15 all-star ingredients--like salmon, Greek yogurt, lean meats, avocados, and mushrooms--for keto-compliant comfort meals your whole crowd will love! And while some recipes with meat are included, this keto plan is ideal for people who want to cut down on their overall meat consumption"

Yoga for All of Us-Peggy Cappy 2007-04-01 At last, a yoga program anyone can do! An accessible guide to gentle yoga stretches, based on the popular video and PBS television program of the same name. You can enjoy the benefits of yoga – whatever your age, ability, or level of activity, even if you have never been able to participate in traditional yoga classes. This accessible guide to gentle yoga stretches and poses will help ease you into the world of this beneficial exercise. Experienced yoga instructor Peggy Cappy will help you gain energy, flexibility, and focus, through modified poses that will help strengthen and stretch your muscles and bring you peace of mind. "Peggy Cappy makes it clear that you are never 'too old', 'too overweight' or 'too out of shape' to do yoga. Thank you, Peggy for sharing your love of yoga with all of us!" - Suza Francina, yoga teacher and author of The New Yoga for People over 50

Staying Lean-Peter Buckley 2017-11-15 The first edition of this highly acclaimed publication received a Shingo Research and Professional Publication Prize in 2009. Explaining how to create and sustain a Lean business, it followed Cogent Power's first two Lean Roadmaps along their journey. Since then, much has changed. Several members of Cogent Power's senior management have moved on, s

Lean In-Sheryl Sandberg 2013-03-11 The #1 international best seller In Lean In, Sheryl Sandberg reignited the conversation around women in the workplace. Sandberg is chief operating officer of Facebook and coauthor of Option B with Adam Grant. In 2010, she gave an electrifying TED talk in which she described how women unintentionally hold themselves back in their careers. Her talk, which has been viewed more than six million times, encouraged women to "sit at the table," seek challenges, take risks, and pursue their goals with gusto. Lean In continues that conversation, combining personal anecdotes, hard data, and compelling research to change the conversation from what women can't do to what they can. Sandberg provides practical advice on negotiation techniques, mentorship, and building a satisfying

career. She describes specific steps women can take to combine professional achievement with personal fulfillment, and demonstrates how men can benefit by supporting women both in the workplace and at home. Written with humor and wisdom, Lean In is a revelatory, inspiring call to action and a blueprint for individual growth that will empower women around the world to achieve their full potential.

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