Aio Advanced Inventory And Optimization

Advances in Product Family and Product Platform Design: Methods & Applications highlights recent advances that have been made to support product family and product platform design along with successful applications in industry. This book provides not only motivation for product family and product platform design (i.e. address questions about "why and when should we platform") but also methods and tools to support the design and development of families of products based on shared platforms (i.e. address the "how" and "what" questions about platforming). It begins with a general overview of product family design to introduce the general reader to the topic and then progress to more advanced topics and design theory to help designers, engineers, and project managers plan, architect, and implement platform-based product development strategies for their company. Finally, successful industry applications provide readers and practitioners with case studies and "talking points" to become platform advocates and leaders within their organization.

A unique insight into the decision-making and food consumption of the European consumer. The volume is essential reading for those involved in product development, market research and consumer science in food and agro industries and academic research. It brings together experts from different disciplines in order to address the fundamental issues related to predicting food choice, consumer behavior and societal trust in quality and safety regulatory systems. The importance of the social and psychological context and the cross-cultural differences and how they influence food choice are also covered in great detail.

Now in its Fourth Edition, the Supply Chain and Transportation Dictionary maintains its position as the most comprehensive dictionary in the field. A one-of-a-kind reference, the dictionary remains unmatched in the breadth and scope of its coverage and is the primary reference for professionals working in the areas of supply chain management, transportation, distribution, logistics, material, and purchasing. The Fourth Edition features over 5,000 entries and is noted for its clear, precise, and accurate definitions.

Principles of Marketing, helps students understand how to create value, build customer relationshipsand master key marketing challenges. The the8th Edition has been thoroughly revised to reflect the major trends impacting contemporary marketing. Packed withexamples illustrating how companies use new digital technologies to maximize customer engagement and shape brand conversations, experiences, and communities.

This book aims to demonstrate and detail the pervasive nature of Discrete Optimization. The handbook couples the difficult, critical-thinking aspects of mathematical modeling with the hot area of discrete optimization. It is done within an academic treatment outlining the state-of-the-art for researchers across the domains of the Computer Science, Math Programming, Applied Mathematics, Engineering, and Operations Research. The book utilizes the tools of mathematical modeling, optimization, and integer programming to solve a broad range of modern problems.

Coding For Dummies, (9781119293323) was previously published as Coding For Dummies, (9781118951309). While this version features a new Dummies cover and design, the content is the same as the prior release and should not be considered a new or updated product. Hands-on exercises help you learn to code like a pro No coding experience is required for Coding For Dummies, your one-stop guide to building a foundation of knowledge in writing computer code for web, application, and software development. It doesn't matter if you've dabbled in coding or never written a line of code, this book guides you through the basics. Using foundational web development languages like HTML, CSS, and JavaScript, it explains in plain English how coding works and why it's needed. Online exercises developed by Codecademy, a leading online code training site, help hone coding skills and demonstrate results as you practice. The site provides an environment where you can try out tutorials built into the text and see the actual output from your coding. You'll also gain access to end-of-chapter challenges to apply newly acquired skills to a less-defined assignment. So what are you waiting for? The current demand for workers with coding and computer science skills far exceeds the supply Teaches the foundations of web development languages in an easy-to-understand format Offers unprecedented opportunities to practice basic coding Leverages Readers can access online tutorials and end-of-chapter assessments that develop and test their new found skills If you're a student looking for an introduction to the basic concepts of coding or a professional looking to add new skills, Coding For Dummies has you covered.

See all the things coding can accomplish The demand for people with coding know-how exceeds the number of people who understand the languages that power technology. Coding All-in-One For Dummies gives you an ideal place to start when you're ready to add this valuable asset to your professional repertoire. Whether you need to learn how coding works to build a web page or an application or see how coding drives the data revolution, this resource introduces the languages and processes you'll need to know. Peek inside to quickly learn the basics of simple web languages, then move on to start thinking like a professional coder and using languages that power big applications. Take a look inside for the steps to get started with updating a website, creating the next great mobile app, or exploring the world of data science. Whether you're looking for a complete beginner's guide or a trusted resource for when you encounter problems with coding, there's something for you! Create code for the web Get the tools to create a mobile app Discover languages that power data science See the future of coding with machine learning tools With the demand for skilled coders at an all-time high, Coding All-in-One For Dummies is here to propel coding newbies to the ranks of professional programmers.

Oracle Database 12c running on Linux is available for deployment on IBM® LinuxONE. The enterprise-grade Linux on LinuxONE solution is designed to add value to Oracle Database solutions, including the new functions that are introduced in Oracle Database 12c. In this IBM Redbooks® publication, we explore the IBM and Oracle Alliance and describe how Oracle Database benefits from LinuxONE. We then explain how to set up Linux guests to install Oracle Database 12c. We also describe how to use the Oracle Enterprise Manager Cloud Control Agent to manage Oracle Database 12c Release 1. Additionally, we discuss encryption for Oracle using Oracle Transparent Data Encryption (TDE) on Oracle 12c Release 2. We also describe a successful consolidation project from sizing to migration, performance management topics, and high availability. Finally, we end with a chapter about surrounding Oracle with Open Source software. The audience for this publication includes database consultants, installers, administrators, and system programmers. This publication is not meant to replace Oracle documentation, but to supplement it with our experiences while installing and using Oracle products.

Summary Deep Learning with R introduces the world of deep learning using the powerful Keras library and its R language interface. The book builds your understanding of deep learning through intuitive explanations and practical examples. Continue your journey into the world of deep learning with Deep Learning with R in Motion, a practical, hands-on video course available exclusively at Manning.com (www.manning.com/livevideo/deep-learning-with-r-in-motion). Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Machine learning has made remarkable progress in recent years. Deep-learning systems now enable previously impossible smart applications, revolutionizing image recognition and natural-language processing, and identifying complex patterns in data. The Keras deep-learning library provides data scientists and developers working in R a state-of-the-art toolkit for tackling deep-learning tasks. About the Book Deep Learning with R introduces the world of deep learning using the powerful Keras library and its R language interface. Initially written for Python as Deep Learning with Python by Keras creator and Google AI researcher François Chollet and adapted for R by RStudio founder J. J. Allaire, this book builds your understanding of deep learning through intuitive explanations and practical examples. You'll practice your new skills with R-based applications in computer vision, natural-language processing, and generative models. What's Inside Deep learning from first principles Setting up your own deep-learning environment Image classification and generation Deep learning for text and sequences About the Reader You'll need intermediate R programming skills. No previous experience with machine learning or deep learning is assumed. About the Authors François Chollet is a deep-learning researcher at Google and the author of the Keras library. J.J. Allaire is the founder of RStudio and the author of the R interface to TensorFlow and Keras. Table of Contents PART 1 - FUNDAMENTALS OF DEEP LEARNING What is deep learning? Before we begin: the mathematical building blocks of neural networks Getting started with neural networks Fundamentals of machine learning PART 2 - DEEP LEARNING IN PRACTICE Deep learning for computer vision Deep learning for text and sequences Advanced deep-learning best practices Generative deep learning Conclusions

Cognitive Hyperconnected Digital Transformation provides an overview of the current Internet of Things (IoT) landscape, ranging from research, innovation and development priorities to enabling technologies in a global context. It is intended as a standalone book in a series that covers the Internet of Things activities of the IERC-Internet of Things European Research Cluster, including both research and technological innovation, validation and deployment. The book builds on the ideas put forward by the European Research Cluster, the IoT European Platform Initiative (IoT-EPI) and the IoT European Large-Scale Pilots Programme, presenting global views and state-of-the-art results regarding the challenges facing IoT research, innovation, development and deployment in the next years. Hyperconnected environments integrating industrial/business/consumer IoT technologies and applications require new IoT open systems architectures integrated with network architecture (a knowledge-centric network for IoT), IoT system design and open, horizontal and interoperable platforms managing things that are digital, automated and connected and that function in real-time with remote access and control based on Internet-enabled tools. The IoT is bridging the physical world with the virtual world by combining augmented reality (AR), virtual reality (VR), machine learning and artificial intelligence (AI) to support the physical-digital integrations in the Internet of mobile things based on sensors/actuators, communication, analytics technologies, cyber-physical systems, software, cognitive systems and IoT platforms with multiple functionalities. These IoT systems have the potential to understand, learn, predict, adapt and operate autonomously. They can change future behaviour, while the combination of extensive parallel processing power, advanced algorithms and data sets feed the cognitive algorithms that allow the IoT systems to develop new services and propose new solutions. IoT technologies are moving into the industrial space and enhancing traditional industrial platforms with solutions that break free of device-, operating system- and protocol-dependency. Secure edge computing solutions replace local networks, web services replace software, and devices with networked programmable logic controllers (NPLCs) based on Internet protocols replace devices that use proprietary protocols. Information captured by edge devices on the factory floor is secure and accessible from any location in real time, opening the communication gateway both vertically (connecting machines across the factory and enabling the instant availability of data to stakeholders within operational silos) and horizontally (with one framework for the entire supply chain, across departments, business units, global factory locations and other markets). End-to-end security and privacy solutions in IoT space require agile, context-aware and scalable components with mechanisms that are both fluid and adaptive. The convergence of IT (information technology) and OT (operational technology) makes security and privacy by default a new important element where security is addressed at the architecture level, across applications and domains, using multi-layered distributed security measures. Blockchain is transforming industry operating models by adding trust to untrusted environments, providing distributed and transparent access to the information in the chain. Digital technology platforms are evolving, with IoT platforms integrating complex info

Take your supply chain to the next level Inventory Planning and Optimization with SAP IBP is your guide to exploring the planning model. Then dive deep into key functionality and implementation steps for S&OP, demand planning, supply and response planning, inventory management, and supply chain analytics. Using in-depth SAP SCM industry case studies, discover what it takes to ensure a successful adoption of SAP IBP. In this book, you'll learn about: a. Getting Started Develop a holistic understanding of your supply chain in SAP IBP: learn to navigate the new UI and load data into SAP IBP, utilize the basic planning model, and plan your SAP IBP implementation. b. Implementation Follow comprehensive steps for configuring SAP IBP, starting with baseline functionality and SAP IBP deployment, before moving on to functionality and implementation with the five primary applications. c. Case Studies Explore real-world case studies from the high-tech, CPG, life sciences, and manufacturing fields and see how peers and competitors are achieving value through best practices Highlights: 1) Sales and operations planning (S&OP) 2) Configuration and deployment 3) Planning model 4) Demand planning and forecasting 5) Supply planning 6) Response management 7) Control Tower 8) Inventory management and optimization 9) Supply chain analytics 10) Implementation methodology 11) Use cases

Intelligent Information Processing supports the most advanced productive tools that are said to be able to change human life and the world itself. This book presents the proceedings of the 4th IFIP International Conference on Intelligent Information Processing. This conference provides a forum for engineers and scientists in academia, university and industry to present their latest research findings in all aspects of Intelligent Information Processing.

The IBM Informix® Dynamic Server (IDS) has the tools to build a powerful data warehouse infrastructure platform to lower costs and increase profits by doing more with your existing operational data and infrastructure. The Informix Warehouse Feature simplifies the process for design and development of a high performance data warehouse. With a state-of-the-art extract, load, and transform (ELT) tool and an Eclipse-based GUI environment that is easy to use, this comprehensive platform provides the foundation you need to cost effectively build and deploy the data warehousing infrastructure, using the IBM Informix Dynamic Server, and needed to enable the development and use of next-generation analytic solutions . This IBM® Redbooks® publication describes the technical information and demonstrates the functions and capabilities of the Informix Dynamic Server Warehouse Feature. It can help you understand how to develop a data warehousing architecture and infrastructure to meet your particular requirements, with the Informix Dynamic Server. It can also enable you to transform and manage your operational data, and use it to populate your data warehouse. With that new data warehousing environment, you can support the data analysis and decision-making that are required as you monitor and manage your business processes, and help you meet your business performance management goals, objectives, and measurements.

Decision making arises when we wish to obtain some possible course of action from a set of alternatives. With advancements of the digital technologies, it is easy, and almost instantaneous, to gather a large volume of information and/or data pertaining to a problem that we want to solve. For instance, the world-wi- web is perhaps the primary source of information and/or data that we often turn to when we face a decision making problem. However, the information and/or data that we obtain from the real world often are complex, and comprise various kinds of noise. Besides, real-world information and/or data often are incomplete and ambiguous, owing to uncertainties of the environments. All these require decision making a challenging task. To cope with the challenges of decision making, - searchers have designed and developed a variety of decision support systems to provide assistance in human decision making processes. The main aim of this book is to provide a small collection of techniques stemmed from artificial intelligence, as well as other complementary methodo- gies, that are useful for the design and development of intelligent decision support systems. Application examples of how these intelligent decision support systems can be utilized to help tackle a variety of real-world problems in different - mains, e. g. business, management, manufacturing, transportation and food ind- tries, and biomedicine, are also presented. A total of twenty chapters, which can be broadly divided into two parts, i. e.

Social Media Marketing For Dummies®John Wiley & SonsHandbook on Decision MakingVol 1: Techniques and ApplicationsSpringer Science & Business Media

Organisations face many challenges, which induce them to perform better, and thus to establish mature (or excellent) business processes. As they now face globalisation, higher competitiveness, demanding customers, growing IT possibilities, compliancy rules etc., business process maturity models (BPMMs) have been introduced to help organisations minimize downtime and to provide the high availability required today. A new suite of business availability functionality provides greater flexibility and performance metric gathering, improvements in administration, and reductions in operating costs. The IDS technology enables efficient use of existing processes (e.g. CMMI or OMG-BPMM). In fact, there are now so many BPMMs to choose from that organisations risk selecting one that does not fit their needs or one of substandard quality. This book presents a study that distinguishes process management from process orientation so as to arrive at a common understanding. It also investigates the maturity types (of 69 existing BPMMs, in order to strengthen the basis of available BPMMs. Lastly it presents a selection study to identify criteria for choosing one BPMM from the broad selection, which produced a free online selection tool, BPMM Smart-Selector.

This IBM® Redbooks® publication addresses performance tuning topics to help leverage the virtualization strengths of the POWER® platform to solve clients' system resource utilization challenges, and maximize system throughput and capacity. We examine the performance monitoring tools, utilities, documentation, and other resources available to help technical teams provide optimized business solutions and support for applications running on IBM POWER systems' virtualized environments. The book offers application performance examples deployed on IBM Power SystemsTM utilizing performance monitoring tools to leverage the comprehensive set of POWER virtualization features: Logical Partitions (LPARs), micro-partitions, and more. We provide a well-defined and documented performance tuning model in a POWER system virtualized environment to help you plan a foundation for scaling, capacity, and optimization . This book targets technical professionals (technical consultants, technical support staff, IT Architects, and IT Specialists) responsible for providing solutions and support on IBM POWER systems, including performance tuning.

The increasing internationalization of supply chains is challenging our interpretation of conventional trade statistics, as traditional concepts such as country of origin or the distinction between goods and services become blurred. This publication, jointly produced by the WTO and the Institute of Developing Economies-Japan External Trade O that helped to shape global productions.

These proceedings provide information on the most recent advances in operations research and related areas in economics, mathematics, and computer science, contributed by academics and practitioners from around the world.

In this IBM Redbooks publication, we provide an overview of Informix Dynamic Server (IDS) 11. IDS is designed to help businesses leverage their existing information assets as they move into an on demand business environment. Requirements here call for a flexible data server that can accommodate growth, in applications, data volume, and multiprocessor architectures. And it helps you keep up with technological growth, including such things as the use of nontraditional data types. Built on the IBM Informix Scalable ArchitectureTM (DSA), IDS provides a next-generation parallel data server architecture that delivers mainframe-caliber scalability; manageability and performance; automatic workload distribution. IDS delivers a lower total cost of ownership (TCO) by leveraging its well-regarded general ease of use and systems administration. It enables customers to use information in new and more efficient ways to create business advantage.

This IBM® Redbooks® publication addresses topics to help clients to take advantage of the virtualization strengths of the POWER® platform to solve system resource utilization challenges and maximize system throughput and capacity. This publication examines the tools, utilities, documentation, and other resources available to help technical teams provide Cognos® Business Intelligence (BI) and Statistical Package for the Social Sciences (SPSS®) on Power SystemsTM virtualized environments. This book addresses topics to help address complex high availability requirements, help maximize the availability of systems, and provide expert-level documentation to the worldwide support teams. This SPSS solutions with a well-defined and documented deployment model within a POWER system virtualized environment. This model provides clients with a planned foundation for security, scaling, capacity, resilience, and optimization. This book is targeted toward technical professionals (BI consultants, technical support staff, IT Architects, and Smart Analytics solutions and support for Cognos and SPSS on Power Systems.

UNIX, UNIX LINUX & UNIX TCL/TK. Write software that makes the most effective use of the Linux system, including the kernel and core system libraries. The majority of both Unix and Linux code is still written at the system level, and this book helps you focus on everything above the kernel, where applications such as Apache, bash, cp, vim, Emacs, gcc, gdb, glibc, ls, mv, and X exist. Written primarily for engineers looking to program at the low level, this updated edition of Linux System Programming gives you an understanding of core internals that makes for better code, no matter where it stacks. — Provided by publisher.

Polymers, main components of plastics and rubbers, are being discarded in increasing quantities. But this waste can also be considered as 'plastic gold'. Public concern, coupled with the inherent value of the material, means that recycling is imperative. The present book presents a survey of current knowledge in the form of case studies, including current legal and educational issues. Topics covered also include regulation and practice in NATO countries, the economics of recycling, the reprocessing of single polymers and mixtures, and future prospects and strategies. Audience: Vital reading for all polymer scientists, technicians and engineers.

Effective marketing is essential for any successful sport organization, from elite international teams to local leagues. Now in a fully revised and updated third edition, Advanced Theory and Practice in Sport Marketing is still the only text to introduce key theory and best practice at an advanced level. This new edition goes beyond the introductory marketing course by exploring advanced marketing theories related to social responsibility, global issues, information systems, consumer behavior, product management, logistics, sales, promotions, and social/digital/mobile media. New to the edition are sections on branding, destination marketing, and performance evaluation that demonstrate how to measure impacts through sport marketing and how to use analytics to determine sport marketing success. Every chapter contains extended case studies and theory-to-practice insights from marketing professionals around the world and a companion website includes an impressive array of additional teaching and learning resources. Advanced Theory and Practice in Sport Marketing goes further than any other textbook to prepare students for the real world of sport marketing. It is essential reading for any upper-level undergraduate or postgraduate course in sport marketing or sport business.

Business to business markets are considerably more challenging than consumer markets and as such demand a more specific skillset from marketers. Buyers, with a responsibility to their company and specialist product knowledge, are more demanding than the average consumer. Given that the products themselves may be highly complex, this often requires a sophisticated buyer to understand them. Increasingly, B2B relationships are conducted within a global context. However all textbooks are region-specific despite this growing move towards global business relationships – except this one. This textbook takes a global viewpoint, with the help of an international author team and cases from across the globe. Other unique features of this insightful study include: placement of B2B in a strategic marketing setting; full discussion of strategy in a global setting including hypercompetition; full chapter on ethics and CSR early in the text; and detailed review of global B2B services marketing, trade shows, and market research. This new edition has been fully revised and updated with a full set of brand new case studies and features expanded sections on digital issues, CRM, and social media as well as personal selling. More selective, shorter, and easier to read than other B2B textbooks, this is ideal for introduction to B2B and shorter courses. Yet, it is comprehensive enough to cover all the aspects of B2B marketing any marketer needs, be they students or practitioners looking to improve their knowledge.

Medical acronyms and abbreviations offer convenience, but those countless shortcuts can often be confusing. Now a part of the popular Dorland's suite of products, this reference features thousands of terms from across various medical specialties. Its alphabetical arrangement makes for quick reference, and expanded coverage of symbols ensures they are easier to find. Effective communication plays an important role in all medical settings, so turn to this trusted volume for nearly any medical abbreviation you might encounter. Symbols section makes it easier to locate unusual or seldom-used symbols. Convenient alphabetical format allows you to find the entry you need more efficiently. More than 90,000 entries and definitions. Many new and updated entries including terminology in expanding specialties, such as Nursing; Physical, Occupational, and Speech Therapies; Transcription and Coding; Computer and Technical Fields. New section on abbreviations to avoid, including Joint Commission abbreviations that are not to be used. Incorporates updates suggested by the Institute for Safe Medication Practices (ISMP).

OptimTM Performance Manager Extended Edition, a follow-on to DB2® Performance Expert, is one of the key products of the IBM® Optim Solution. Optim Performance Manager Extended Edition provides a comprehensive, proactive performance management approach. It helps organizations resolve emergent database problems before they impact the business. This IBM Redbooks® publication describes the architecture and components of Optim Performance Manager Extended Edition. We provide information for planning the deployment of Optim Performance Manager and detail steps for successful installation, activation, and configuration of Optim Performance Manager and the following features. We describe individual product dashboards and reports and discuss, with various scenarios, how they can be used to identify, diagnose, prevent, and solve database performance problems.

Stop being a prisoner to your PC! Need a PC problem fixed in a pinch? Presto! Troubleshooting & Maintaining Your PC All-in-One For Dummies offers 5 books in 1 and takes the pain out of wading through those incomprehensible manuals, or waiting for a high-priced geek to show up days or weeks after you need them. Arming you with everything you need to get that pesky PC working for you ASAP, this handy guide walks you through all the steps to whatever's making your PC go rogue so you can get back to making it work for you. There's nothing worse than firing up your PC only to discover it's inexplicably unresponsive. With this guide, you'll gain all the skills and insight you need to need to bring it back to life and to prevent it from ever leaving you in the lurch again. Find out what's behind common PC problems Solve email and web woes, both big and small Perform regular maintenance and get serious about backups Troubleshoot to find solutions to your issues and learn proper maintenance to head off future headaches! Your PC problems aren't as big as you think! Take matters into your own hands with the helpful instruction provided inside this book!

"Ready to get SAP working for you? See how to configure SAP Integrated Business Planning to fit your organization, from master data types to planning levels. Then execute demand planning, perform unconstrained or constrained supply planning, and consolidate the results into views with step-by-step instructions. Get more out of your SAP IBP implementation with what-if scenarios, KPIs, dashboards, and built-in integrations"--

My first encounter with the theory of harmony was during my last year at school (1975). This fascinating system of rules crystallized the intuitive knowledge of harmony I had acquired from years of piano playing, and facilitated memorization, transcription, arrangement and composition. For the next five years, I studied music (piano) and science (Physics) at the Univer sity of Melbourne. This "strange combination" started me wondering about the alpha of music theory and the "rules". To what extent were they determined or influenced by physics? mathematics? physiology? conditioning? In 1981, the supervisor of my honours project in musical acoustics, Neville Fletcher, showed me an article entitled "Pitch, consonance, and harmony", by a certain Ernst Terhardt of the Technical University of Munich. By that stage, I had devoured a considerable amount of (largely unsatisfactory) material on the nature and origins of harmony, which enabled me to recognize the significance of Terhardt's article. But it was not until I arrived in Munich the following year (on Terhardt's invitation) that I began to appreciate the conse quences of his "psychoacoustical" approach for the theory of harmony. That is what this book is about. The book presents Terhardt's work against the broad context of music perception research, past and present. Music perception is a multidisciplinary mixture of physics, psychology and music. Where different theoretical ap proaches appear contradictory, I try to show instead that they complement and enrich one another.

Covers all aspects of the Certified Information Systems Security Professional (CISSP) exam.

This fully-updated, integrated self-study system offers complete coverage of the revised 2015 Systems Security Certified Practitioner (SSCP) exam domains Thoroughly revised for the April 2015 exam update, SSCP Systems Security Certified Practitioner All-in-One Exam Guide, Second Edition enables you to take the exam with complete confidence. To aid in self-study, each chapter includes Exam Tips that highlight key exam information, chapter summaries that reinforce salient points, and end-of-chapter questions that are an accurate reflection of the content and question format of the real exam. Beyond exam prep, the practical examples and real-world insights offered in this guide make it an ideal on-the-job reference for IT security professionals. You will learn the security concepts, tools, and procedures needed to employ and enforce solid security policies and effectively react to security incidents. Features 100% coverage of the revised SSCP Common Body of Knowledge (CBK), effective April 2015 CD-ROM contains two full-length, customizable practice exams in the Total Tester exam engine and a searchable PDF copy of the book Written by a bestselling IT security certification and training expert

With the advances of technology and the reoccurrence of data leaks, cyber security is a bigger challenge than ever before. Cyber attacks evolve as quickly as the technology itself, and hackers are finding more innovative ways to break security controls to access confidential data and to interrupt services. Hackers reinvent themselves using new technology features as a tool to expose companies and individuals. Therefore, cyber security cannot be reactive but must go a step further by implementing proactive security controls that protect one of the most important assets of every organization: the company's information. This IBM® Redbooks® publication provides information about implementing IBM QRadar® for Security Intelligence and Event Monitoring (SIEM) and protecting an organization's networks through a sophisticated technology, which permits a proactive security posture. It is divided in to the following major sections to facilitate the integration of QRadar with any network architecture: Chapter 2, "Before the installation" on page 3 provides a review of important requirements before the installation of the product. Chapter 3, "Installing IBM QRadar V7.3" on page 57 provides step-by-step procedures to guide you through the installation process. Chapter 4, "After the installation" on page 77 helps you to configure additional features and perform checks after the product is installed. QRadar is an IBM Security prime product that is designed to be integrated with corporate network devices to keep a real-time monitoring of security events through a centralized console. Through this book, any network or security administrator can understand the product's features and benefits.