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KEY=GUIDE - SHANNON ARIANA

PHARMACY

WHAT IT IS AND HOW IT WORKS, THIRD EDITION

CRC Press As the first baby boomers have reached 65, more prescriptions than ever are being dispensed, and the need for properly trained pharmacists is critical. Now in its third edition, Pharmacy: What It Is and How It Works continues to provide a comprehensive review of all aspects of pharmacy, from the various roles of pharmacists to particular health care-related events to career planning information. Beginning with a brief historical perspective on the field, the book discusses the many facets of the pharmacy profession. It describes the role of pharmacists in different settings and provides information ranging from licensing requirements to working conditions, highlighting the critical role of pharmacists within the heath care system. The author examines the drug use process with sections on distribution, prescribing, dispensing, and pricing. He also discusses the role of pharmacy support personnel. An expanded chapter on informatics explores how pharmacy has evolved through information technology and automation. Additional chapters cover poison control, pharmacy schools, pharmacy organizations, the drug approval process, and career development. Designed for classroom and professional use, the book contains numerous tools to facilitate

comprehension, including: Learning objectives to help readers focus on the goals of each chapter Informative tables and figures summarizing data Summary paragraphs tying in salient points Discussion questions and exercises to test assimilation "Challenges" which place the material in broader context Websites and references to encourage further study Used in many schools of pharmacy in the United States, Canada, and Europe, this volume provides a look into the profession that is both broad and deep, supplying a one-stop reference to a promising career.

MAKING COMPUTERIZED PROVIDER ORDER ENTRY WORK

Springer Science & Business Media Despite all the jokes about the poor quality of physician handwriting, physician adoption of computerized provider order entry (CPOE) in hospitals still lags behind other industries' use of technology. As of the end of 2010, less than 22% of hospitals had deployed CPOE. Yet experts claim that this technology reduces over 80% of medication errors and could prevent an estimated 522,000 serious medication errors annually in the US. Even though the federal government has offered $20 billion dollars in incentives to hospitals and health systems through the 2009 stimulus (the ARRA HITECH section of the American Recovery and Reinvestment Act of 2009), many organizations are struggling to implement advanced clinical information systems including CPOE. In addition, industry experts estimate that the healthcare industry is lacking as many as 40,000 persons with expertise in clinical informatics necessary to make it all happen by the 2016 deadline for these incentives. While the scientific literature contains numerous studies and stories about CPOE, no one has written a comprehensive, practical guide like Making CPOE Work. While early adopters of CPOE were mainly academic hospitals, community hospitals are now proceeding with CPOE projects and need a comprehensive guide. Making CPOE Work is a book that will provide a concise guide to help both new and experienced health informatics teams successfully plan and implement CPOE. The book, in a narrative style, draws on the author's decade-long experiences of implementing CPOE at a variety of academic, pediatric and community hospitals across the United States.

REALEHRPREP WITH CERNER RESOURCE MANUAL

HEALTHCARE ETHICS AND TRAINING: CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

IGI Global The application of proper ethical systems and education programs is a vital concern in the medical industry.

When healthcare professionals are held to the highest moral and training standards, patient care is improved. Healthcare Ethics and Training: Concepts, Methodologies, Tools, and Applications is a comprehensive source of academic research material on methods and techniques for implementing ethical standards and effective education initiatives in clinical settings. Highlighting pivotal perspectives on topics such as e-health, organizational behavior, and patient rights, this multi-volume work is ideally designed for practitioners, upper-level students, professionals, researchers, and academics interested in the latest developments within the healthcare industry.

MEDINFO 2007

IOS Press Contains papers which reflect the breadth and depth of the field of biomedical and health informatics, covering topics such as; health information systems, education, standards, consumer health and human factors, emerging technologies, sustainability, organizational and economic issues, genomics, and image and signal processing.

UNDERSTANDING DIGITALIZATION: A BEGINNER'S GUIDE TO DIGITAL TRANSFORMATION

Asad Raza The Internet has significantly formed our reality and has completely changed ourselves in both of all shapes and small ways. The technology change around us has happened both rapidly and impalpably. The absolute first associations between computers almost fifty years prior have been changed into a flood of network that covers the planet. New innovations in technology and devices have given us more approaches to tackle the intensity of network any place we proceed to have given us usefulness we would never have imagined. Online networking, mobile computing, analytics, examination, the advanced mobile phone, tablets, Cloud figuring. The movements in innovation are huge and all are empowering agents for a revolution affecting business at this moment. Digital transformation needs every one of us to contemplate how we can turn into an ace of digitization instead a victim. Digital transformation is basic for all organizations, from the little to the enterprise. That message comes through loud and clear from apparently every keynote, board discourse, article, or concentrate identified with how organizations can stay focused and applicable as the world turns out to be progressively digital. What's uncertain to numerous business chiefs is the thing that digital transformation means. Is it only a snappy method to express moving to the cloud? What are the particular advances we have to take? Do we have to structure new openings to assist us with making a system for advanced change, or contract a counseling administration? What parts of our business methodology need to

change? Is it extremely justified, despite all the trouble? Digital transformation drives the combination of on the web and disconnected, problematic innovations and the extreme difference in whole enterprises. Automation, optimization, self-sufficiency of procedures just as greater adaptability and distinction of items and services are only a portion of the advantages and chances of digitalization. The procedure additionally prompts creative plans of action and advanced items. The most well-known drivers of progress are expanded client desires and competition in the market.

HEALTH IT AND PATIENT SAFETY

BUILDING SAFER SYSTEMS FOR BETTER CARE

National Academies Press IOM's 1999 landmark study To Err is Human estimated that between 44,000 and 98,000 lives are lost every year due to medical errors. This call to action has led to a number of efforts to reduce errors and provide safe and effective health care. Information technology (IT) has been identified as a way to enhance the safety and effectiveness of care. In an effort to catalyze its implementation, the U.S. government has invested billions of dollars toward the development and meaningful use of effective health IT. Designed and properly applied, health IT can be a positive transformative force for delivering safe health care, particularly with computerized prescribing and medication safety. However, if it is designed and applied inappropriately, health IT can add an additional layer of complexity to the already complex delivery of health care. Poorly designed IT can introduce risks that may lead to unsafe conditions, serious injury, or even death. Poor human-computer interactions could result in wrong dosing decisions and wrong diagnoses. Safe implementation of health IT is a complex, dynamic process that requires a shared responsibility between vendors and health care organizations. Health IT and Patient Safety makes recommendations for developing a framework for patient safety and health IT. This book focuses on finding ways to mitigate the risks of health IT-assisted care and identifies areas of concern so that the nation is in a better position to realize the potential benefits of health IT. Health IT and Patient Safety is both comprehensive and specific in terms of recommended options and opportunities for public and private interventions that may improve the safety of care that incorporates the use of health IT. This book will be of interest to the health IT industry, the federal government, healthcare providers and other users of health IT, and patient advocacy groups.

HADOOP: THE DEFINITIVE GUIDE

STORAGE AND ANALYSIS AT INTERNET SCALE

"O'Reilly Media, Inc." Get ready to unlock the power of your data. With the fourth edition of this comprehensive guide, you'll learn how to build and maintain reliable, scalable, distributed systems with Apache Hadoop. This book is ideal for programmers looking to analyze datasets of any size, and for administrators who want to set up and run Hadoop clusters. Using Hadoop 2 exclusively, author Tom White presents new chapters on YARN and several Hadoop-related projects such as Parquet, Flume, Crunch, and Spark. You'll learn about recent changes to Hadoop, and explore new case studies on Hadoop's role in healthcare systems and genomics data processing. Learn fundamental components such as MapReduce, HDFS, and YARN Explore MapReduce in depth, including steps for developing applications with it Set up and maintain a Hadoop cluster running HDFS and MapReduce on YARN Learn two data formats: Avro for data serialization and Parquet for nested data Use data ingestion tools such as Flume (for streaming data) and Sqoop (for bulk data transfer) Understand how high-level data processing tools like Pig, Hive, Crunch, and Spark work with Hadoop Learn the HBase distributed database and the ZooKeeper distributed configuration service

THE BEST JOB SEARCH GUIDE EVER

Lulu Press, Inc This book is for anyone looking for a job. I created other job books like searching for a job in the United States or the world, for creative people, for different professions, etc. It's about: discovering your true nature, figuring out how to make money from doing something you like picking a field and researching it getting educated and licensed the job-search process; resumes, cover letters, portfolios and interviews the online job search a social media business/branding guide backdoor ways to a job like internship, volunteering, part-time work how to keep a job job issues at work The 90 volumes are as follows: Volume 1. What Do I Want to do With my Life? 1 Volume 2. What Do I Want to do With my Life? 2 Volume 3. A Career Ideas Guide Volume 4. A Psychology-Aptitude-Career Test Guide Volume 5. A Job-Life Purpose Question Guide Volume 6. A Job-Business Advice Guide 1 Volume 7. Job-Business Advice Guide 2 Volume 8. Job-Business Advice Guide 3 Volume 9. Job-Business Advice Guide 4 Volume 10. Job-Business Advice Guide 5 Volume 11 A Free and Fee Job Book Guide Volume 12. A Job Website Guide from dmoz-odp.org/Business/Employment Volume 13. A Career Website Guide from feedspot Volume 14. A Self-Employment Website Guide from feedspot Volume 15. Career Change Job Guide Volume 16. A Job Website Guide from the Dead Website sc.edu/career/Webresources/webresources.html Volume 17. The Spirit of the Work World Volume 18. The Real World of Work Volume 19. Job Search Guide 1 Volume 20. Job Search Guide 2 Volume 21. Job Search Guide 3 Volume 22. Job

Search Website Guide Volume 23. A Job Article Guide 1 Volume 24. A Job Article Guide 2 Volume 25. A Job Article Guide 3 Volume 26. A Career Advice Guide Volume 27. A Career Advice Website Guide 1 Volume 28. A Career Advice Website Guide 2 Volume 29. The Job Application Volume 30. Resumé and Cover Letter Guide Volume 31. A Resumé Website Guide Volume 32. A Job Interview and Job Offer Guide Volume 33. A Job Networking Guide Volume 34. An Alumni Job Search Guide Volume 35. Find People who Can Hire You Volume 36. A Social Media Branding Guide Volume 37. Social Media Job-Business Guide Volume 38. A linkedin.com and twitter.com Job Guide Volume 39. General Social Media Guide Volume 40. Professional Career Counselor/ Employment Service Guide Volume 41. An Internship Guide Volume 42. A World Internship Guide Volume 43. A Volunteer Guide Volume 44. Volunteer with Animals Guide Volume 45. A World Company Guide ...

THE VCU-RRTC COMPUTERIZED CONSUMER/JOB MATCH. USER'S GUIDE

Cet instrument a été développé dans le but de fournir aux professionnels de la formation professionnelle et de l'emploi, un outil leur permettant de mieux cerner les possibilités d'emploi d'une personne ayant une déficience intellectuelle ainsi que le placement en emploi de celle-ci. Il est alors question de la description de la version informatisée de la compilation des données, de la comparaison entre les capacités de la personne et les caractéristiques de l'emploi ainsi que de l'appariement entre l'individu et le marché du travail

HANDBOOK OF FOOD-DRUG INTERACTIONS

CRC Press With contributions from the fields of pharmacy, dietetics, and medicine, Handbook of Food-Drug Interactions serves as an interdisciplinary guide to the prevention and correction of negative food-drug interactions. Rather than simply list potential food-drug interactions, this book provides explanations and gives specific recommendations based on th

PRACTICAL GUIDE TO CLINICAL COMPUTING SYSTEMS

DESIGN, OPERATIONS, AND INFRASTRUCTURE

Elsevier The development of clinical computing systems is a rapidly growing priority area of health information technology, spurred in large measure by robust funding at the federal and state levels. It is widely recognized as one

of the key components for reducing costs and improving the quality of care. At the same time as more and more hospitals and clinics are installing clinical computing systems, major issues related to design, operations, and infrastructure remain to be resolved. This book tackles these critical topics, including system selection, configuration, installation, user support, interface engines, and long-term operation. It also familiarizes the reader with regulatory requirements, budgetary issues, and other aspects of this new electronic age of healthcare delivery. It begins with an introduction to clinical computing and definition of key terminology. The next several chapters talk about system architecture and interface design, followed by detailed discussion of all aspects of operations. Attention is then given to the realities of leadership, planning, oversight, budgeting, and employee recruitment. This invaluable resource includes a special section that talks about career development for students and others interested in entering the field. *Provides a complete overview of practical aspects *Detailed guidance on the design and operation of clinical computing systems *Discusses how clinical computing systems relate to health care organization committees and organizational structure *Includes numerous real-life examples with expert insights on how to avoid pitfalls

EHR GOVERNANCE

A PRACTICAL GUIDE TO USER CENTRIC, CONSENSUS DRIVEN OPTIMIZATION

HIMSS Book Series Organizations spend large amounts of money to purchase, deploy and optimize their EHRs. They are not plug-n-play systems. This requires commitment to an ongoing improvement cycle that, when done well, responds to the people and process as well as the platform. When not done well, could result in complete failure of the system costing the organization thousands of dollars. In early 2014 the User Experience Team (UXP) at Dignity Health was invited to reorganize the Organization's EHR Governance. This request came on the heels of provider complaints about slow change request turn-around-time, low throughput and poor process transparency. At that time, approximately 60 change request were being released into the live environment on a quarterly basis and it was not uncommon for a change request to take over a year from the time it was submitted to the time it was finally seen by the end user within the EHR. This was compounded by a lack of tools for tracking a change request's lifecycle. This resulted in provider apathy and a pervasive sentiment that EHR Governance was a black hole. That core User Experience Team, who make up the author team for this book is comprised of key stakeholders who manage EHR governance processes end-to-end on a daily basis. Their foundational premise has always been that governance done right speeds up change and leads to a positive User Experience. This book is structured to be practical and pragmatic. It begins with how to

articulate a clear vision to organizational leaders so they can champion strong EHR governance both theoretically and financially. The book concludes with a commitment to ongoing improvement and refinement - Governing Governance. Based on more than 5 years of ongoing refinement at Dignity Health (now CommonSpirit Health), this book shares processes that can scale to small and large organizations alike. It also calls out critical lessons learned to help the reader avoid the same mistakes and achieve measurable improvement more rapidly.

NEXT-GENERATION BIG DATA

A PRACTICAL GUIDE TO APACHE KUDU, IMPALA, AND SPARK

Apress Utilize this practical and easy-to-follow guide to modernize traditional enterprise data warehouse and business intelligence environments with next-generation big data technologies. Next-Generation Big Data takes a holistic approach, covering the most important aspects of modern enterprise big data. The book covers not only the main technology stack but also the next-generation tools and applications used for big data warehousing, data warehouse optimization, real-time and batch data ingestion and processing, real-time data visualization, big data governance, data wrangling, big data cloud deployments, and distributed in-memory big data computing. Finally, the book has an extensive and detailed coverage of big data case studies from Navistar, Cerner, British Telecom, Shopzilla, Thomson Reuters, and Mastercard. What You'll Learn Install Apache Kudu, Impala, and Spark to modernize enterprise data warehouse and business intelligence environments, complete with real-world, easy-to-follow examples, and practical advice Integrate HBase, Solr, Oracle, SQL Server, MySQL, Flume, Kafka, HDFS, and Amazon S3 with Apache Kudu, Impala, and Spark Use StreamSets, Talend, Pentaho, and CDAP for real-time and batch data ingestion and processing Utilize Trifacta, Alteryx, and Datameer for data wrangling and interactive data processing Turbocharge Spark with Alluxio, a distributed in-memory storage platform Deploy big data in the cloud using Cloudera Director Perform real-time data visualization and time series analysis using Zoomdata, Apache Kudu, Impala, and Spark Understand enterprise big data topics such as big data governance, metadata management, data lineage, impact analysis, and policy enforcement, and how to use Cloudera Navigator to perform common data governance tasks Implement big data use cases such as big data warehousing, data warehouse optimization, Internet of Things, real-time data ingestion and analytics, complex event processing, and scalable predictive modeling Study real-world big data case studies from innovative companies, including Navistar, Cerner, British Telecom, Shopzilla, Thomson Reuters, and Mastercard Who This Book Is For BI and big data warehouse professionals interested in gaining practical and real-world insight into

next-generation big data processing and analytics using Apache Kudu, Impala, and Spark; and those who want to learn more about other advanced enterprise topics

THE JOBBANK GUIDE TO COMPUTER & HIGH-TECH COMPANIES

IMPROVING HEALTH MANAGEMENT THROUGH CLINICAL DECISION SUPPORT SYSTEMS

IGI Global In an effort to combat human error in the medical field, medical professionals continue to seek the best practices and technology applications for the diagnosis, treatment, and overall care of their patients. Improving Health Management through Clinical Decision Support Systems brings together a series of chapters focused on the technology, funding, and future plans for improved organization and decision-making through medical informatics. Featuring timely, research-based chapters on topics including, but not limited to, data management, information security, and the benefits of technology-based medicine, this publication is an essential reference source for clinicians, scientists, health economists, policymakers, academicians, researchers, advanced level students, and government officials interested in health information technology.

REGISTRIES FOR EVALUATING PATIENT OUTCOMES

A USER'S GUIDE

Government Printing Office This User's Guide is intended to support the design, implementation, analysis, interpretation, and quality evaluation of registries created to increase understanding of patient outcomes. For the purposes of this guide, a patient registry is an organized system that uses observational study methods to collect uniform data (clinical and other) to evaluate specified outcomes for a population defined by a particular disease, condition, or exposure, and that serves one or more predetermined scientific, clinical, or policy purposes. A registry database is a file (or files) derived from the registry. Although registries can serve many purposes, this guide focuses on registries created for one or more of the following purposes: to describe the natural history of disease, to determine clinical effectiveness or cost-effectiveness of health care products and services, to measure or monitor safety and harm, and/or to measure quality of care. Registries are classified according to how their populations are defined. For example, product registries include patients who have been exposed to biopharmaceutical products or medical devices. Health services registries consist of patients who have had a common procedure, clinical encounter,

or hospitalization. Disease or condition registries are defined by patients having the same diagnosis, such as cystic fibrosis or heart failure. The User's Guide was created by researchers affiliated with AHRQ's Effective Health Care Program, particularly those who participated in AHRQ's DEcIDE (Developing Evidence to Inform Decisions About Effectiveness) program. Chapters were subject to multiple internal and external independent reviews.

STANDARD AND POORS 500 GUIDE 2013

McGraw Hill Professional The most up-to-date and accurate market intelligence for superior investment decisions—from the world's premier financial index! Standard & Poor's 500 Guide, 2013 Edition, contains hard-to-find data and analysis on the bluest of blue chip stocks—from Abbot Labs and GE to Microsoft and Yahoo! Comprehensive and fully updated information—from year-to-year stock values to overall company performance—make this the only resource you need to optimize your investment performance. Standard & Poor's provides the respected Standard & Poor's ratings and stock rankings, advisory services, data guides, and several closely watched and widely reported gauges of stock market activity.

CLINICAL INFORMATICS STUDY GUIDE

TEXT AND REVIEW

Springer Nature

STANDARD AND POOR'S 500 GUIDE, 2012 EDITION

McGraw Hill Professional The most accurate, up-to-date market intelligence for superior investment decisions—from the world's premier financial index! The Standard & Poor's 500 Index is the most watched index in America—if not the world. Whether you're an individual investor purchasing stocks, an executive researching corporate competitors, or a job seeker looking for concise and up-to-the-minute overviews of potential employers, you'll find the critical, often hard-to-find information you need in Standard & Poor's® 500 Guide, 2012 Edition. Easy to use and packed with market intelligence on all 500 companies listed in the S&P 500 Index, this authoritative reference includes: Information on the bluest of blue chip stocks—from Abbott Labs and GE to Microsoft and Yahoo! Summaries of each company's business activity, sales history, and recent developments Earnings and dividends data, with four-year price charts Exclusive

Standard & Poor's Quality Rankings (from A+ to D) New introduction by David M. Blitzer, Ph.D., Managing Director and Chairman of the Index Committee, Standard & Poor's In addition, you get unique at-a-glance details about: Stocks with A+ Quality Rankings Companies with five consecutive years of earnings increases—a key indicator of strong long-term performance Per share data, income statement analyses, and balance sheet overviews of each company covered Put the comprehensive, updated data and analysis expertise of the world's premier securities information firm at your fingertips with Standard & Poor's® 500 Guide, 2012 Edition.

HEALTHCARE INFORMATION MANAGEMENT SYSTEMS

CASES, STRATEGIES, AND SOLUTIONS

Springer Science & Business Media Aimed at health care professionals, this book looks beyond traditional information systems and shows how hospitals and other health care providers can attain a competitive edge. Speaking practitioner to practitioner, the authors explain how they use information technology to manage their health care institutions and to support the delivery of clinical care. This second edition incorporates the far-reaching advances of the last few years, which have moved the field of health informatics from the realm of theory into that of practice. Major new themes, such as a national information infrastructure and community networks, guidelines for case management, and community education and resource centres are added, while such topics as clinical and blood banking have been thoroughly updated.

INTRODUCTION TO RECREATION AND LEISURE, 3E

Human Kinetics Introduction to Recreation and Leisure, Third Edition, presents perspectives from 52 leading experts from around the world. It delves into foundational concepts, delivery systems, and programming services; offers an array of ancillaries; and helps students make informed career choices.

A USEFUL GUIDE TO MANAGING TEAMS

Pansophix

PRACTITIONER'S GUIDE TO HEALTH INFORMATICS

Springer "This book will be a terrific introduction to the field of clinical IT and clinical informatics" -- Kevin Johnson "Dr. Braunstein has done a wonderful job of exploring a number of key trends in technology in the context of the transformations that are occurring in our health care system" -- Bob Greenes "This insightful book is a perfect primer for technologists entering the health tech field." -- Deb Estrin "This book should be read by everyone." -- David Kibbe This book provides care providers and other non-technical readers with a broad, practical overview of the changing US healthcare system and the contemporary health informatics systems and tools that are increasingly critical to its new financial and clinical care paradigms. US healthcare delivery is dramatically transforming and informatics is at the center of the changes. Increasingly care providers must be skilled users of informatics tools to meet federal mandates and succeed under value-based contracts that demand higher quality and increased patient satisfaction but at lower cost. Yet, most have little formal training in these systems and technologies. Providers face system selection issues with little unbiased and insightful information to guide them. Patient engagement to promote wellness, prevention and improved outcomes is a requirement of Meaningful Use Stage 2 and is increasingly supported by mobile devices, apps, sensors and other technologies. Care providers need to provide guidance and advice to their patients and know how to incorporated as they generate into their care. The one-patient-at-a-time care model is being rapidly supplemented by new team-, population- and public health-based models of care. As digital data becomes ubiquitous, medicine is changing as research based on that data reveals new methods for earlier diagnosis, improved treatment and disease management and prevention. This book is clearly written, up-to-date and uses real world examples extensively to explain the tools and technologies and illustrate their practical role and potential impact on providers, patients, researchers, and society as a whole.

APACHE IGNITE QUICK START GUIDE

DISTRIBUTED DATA CACHING AND PROCESSING MADE EASY

Packt Publishing Ltd Build efficient, high-performance & scalable systems to process large volumes of data with Apache Ignite Key FeaturesUnderstand Apache Ignite's in-memory technologyCreate High-Performance app components with IgniteBuild a real-time data streaming and complex event processing systemBook Description Apache Ignite is a distributed in-memory platform designed to scale and process large volume of data. It can be integrated

with microservices as well as monolithic systems, and can be used as a scalable, highly available and performant deployment platform for microservices. This book will teach you to use Apache Ignite for building a high-performance, scalable, highly available system architecture with data integrity. The book takes you through the basics of Apache Ignite and in-memory technologies. You will learn about installation and clustering Ignite nodes, caching topologies, and various caching strategies, such as cache aside, read and write through, and write behind. Next, you will delve into detailed aspects of Ignite's data grid: web session clustering and querying data. You will learn how to process large volumes of data using compute grid and Ignite's map-reduce and executor service. You will learn about the memory architecture of Apache Ignite and monitoring memory and caches. You will use Ignite for complex event processing, event streaming, and the time-series predictions of opportunities and threats. Additionally, you will go through off-heap and on-heap caching, swapping, and native and Spring framework integration with Apache Ignite. By the end of this book, you will be confident with all the features of Apache Ignite 2.x that can be used to build a high-performance system architecture. What you will learnUse Apache Ignite's data grid and implement web session clusteringGain high performance and linear scalability with in-memory distributed data processingCreate a microservice on top of Apache Ignite that can scale and performPerform ACID-compliant CRUD operations on an Ignite cacheRetrieve data from Apache Ignite's data grid using SQL, Scan and Lucene Text queryExplore complex event processing concepts and event streamingIntegrate your Ignite app with the Spring frameworkWho this book is for The book is for Big Data professionals who want to learn the essentials of Apache Ignite. Prior experience in Java is necessary.

ELECTRONIC HEALTH RECORDS FOR DUMMIES

John Wiley & Sons The straight scoop on choosing and implementing an electronic health records (EHR) system Doctors, nurses, and hospital and clinic administrators are interested in learning the best ways to implement and use an electronic health records system so that they can be shared across different health care settings via a network-connected information system. This helpful, plain-English guide provides need-to-know information on how to choose the right system, assure patients of the security of their records, and implement an EHR in such a way that it causes minimal disruption to the daily demands of a hospital or clinic. Offers a plain-English guide to the many electronic health records (EHR) systems from which to choose Authors are a duo of EHR experts who provide clear, easy-to-understand information on how to choose the right EHR system an implement it effectively Addresses the benefits of implementing an EHR system so that critical information (such as medication, allergies, medical history, lab results,

radiology images, etc.) can be shared across different health care settings Discusses ways to talk to patients about the security of their electronic health records Electronic Health Records For Dummies walks you through all the necessary steps to successfully choose the right EHR system, keep it current, and use it effectively.

HANDBOOK OF ENERGY GOVERNANCE IN EUROPE

Springer Nature This Handbook provides the most comprehensive account of energy governance in Europe, examining both energy governance at the European level and the development of energy policy in 30 European countries. Authored by leading scholars, the first part of the book offers a broad overview of the topics of energy research, including theories of energy transitions, strategies and norms of energy policy, governance instruments in the field, and challenges of energy governance. In the second part, it examines the internal and external dimensions of energy governance in the European Union. The third part presents in-depth country studies, which investigate national trajectories of energy policy, including an analysis of the policy instruments and coordination mechanisms for energy transitions. It closes with a comparative analysis of national energy governance. This book is a definitive resource for scholars in energy and climate research as well as decision makers in national governments and EU institutions.

MALWARE FORENSICS FIELD GUIDE FOR LINUX SYSTEMS

DIGITAL FORENSICS FIELD GUIDES

Newnes Malware Forensics Field Guide for Linux Systems is a handy reference that shows students the essential tools needed to do computer forensics analysis at the crime scene. It is part of Syngress Digital Forensics Field Guides, a series of companions for any digital and computer forensic student, investigator or analyst. Each Guide is a toolkit, with checklists for specific tasks, case studies of difficult situations, and expert analyst tips that will aid in recovering data from digital media that will be used in criminal prosecution. This book collects data from all methods of electronic data storage and transfer devices, including computers, laptops, PDAs and the images, spreadsheets and other types of files stored on these devices. It is specific for Linux-based systems, where new malware is developed every day. The authors are world-renowned leaders in investigating and analyzing malicious code. Chapters cover malware incident response - volatile data collection and examination on a live Linux system; analysis of physical and process memory dumps for malware artifacts; post-mortem forensics - discovering and extracting malware and associated artifacts from Linux systems; legal considerations; file identification and profiling initial analysis of a suspect file on a Linux

system; and analysis of a suspect program. This book will appeal to computer forensic investigators, analysts, and specialists. A compendium of on-the-job tasks and checklists Specific for Linux-based systems in which new malware is developed every day Authors are world-renowned leaders in investigating and analyzing malicious code

MALWARE FORENSICS FIELD GUIDE FOR WINDOWS SYSTEMS

DIGITAL FORENSICS FIELD GUIDES

Elsevier Malware Forensics Field Guide for Windows Systems is a handy reference that shows students the essential tools needed to do computer forensics analysis at the crime scene. It is part of Syngress Digital Forensics Field Guides, a series of companions for any digital and computer forensic student, investigator or analyst. Each Guide is a toolkit, with checklists for specific tasks, case studies of difficult situations, and expert analyst tips that will aid in recovering data from digital media that will be used in criminal prosecution. This book collects data from all methods of electronic data storage and transfer devices, including computers, laptops, PDAs and the images, spreadsheets and other types of files stored on these devices. It is specific for Windows-based systems, the largest running OS in the world. The authors are world-renowned leaders in investigating and analyzing malicious code. Chapters cover malware incident response - volatile data collection and examination on a live Windows system; analysis of physical and process memory dumps for malware artifacts; post-mortem forensics - discovering and extracting malware and associated artifacts from Windows systems; legal considerations; file identification and profiling initial analysis of a suspect file on a Windows system; and analysis of a suspect program. This field guide is intended for computer forensic investigators, analysts, and specialists. A condensed hand-held guide complete with on-the-job tasks and checklists Specific for Windows-based systems, the largest running OS in the world Authors are world-renowned leaders in investigating and analyzing malicious code

INFORMATION DISCOVERY ON ELECTRONIC HEALTH RECORDS

CRC Press Exploiting the rich information found in electronic health records (EHRs) can facilitate better medical research and improve the quality of medical practice. Until now, a trivial amount of research has been published on the challenges of leveraging this information. Addressing these challenges, Information Discovery on Electronic Health Records explores the technology to unleash the data stored in EHRs. Assembling a truly interdisciplinary team of experts, the book tackles medical privacy concerns, the lack of standardization for the representation of EHRs, missing

or incorrect values, and the availability of multiple rich health ontologies. It looks at how to search the EHR collection given a user query and return relevant fragments from the EHRs. It also explains how to mine the EHR collection to extract interesting patterns, group entities to various classes, or decide whether an EHR satisfies a given property. Most of the book focuses on textual or numeric data of EHRs, where more searching and mining progress has occurred. A chapter on the processing of medical images is also included. Maintaining a uniform style across chapters and minimizing technical jargon, this book presents the various ways to extract useful knowledge from EHRs. It skillfully discusses how EHR data can be effectively searched and mined.

MICROSOFT POWER BI DATA ANALYST CERTIFICATION GUIDE

A COMPREHENSIVE GUIDE TO BECOMING A CONFIDENT AND CERTIFIED POWER BI PROFESSIONAL

Packt Publishing Ltd Gain the knowledge and skills needed to become a certified Microsoft Power BI data analyst and get the most out of Power BI Key Features • Get the skills you need to pass the PL-300 certification exam with confidence • Create and maintain robust reports and dashboards to enable a data-driven enterprise • Test your new BI skills with the help of practice questions Book Description Microsoft Power BI enables organizations to create a data-driven culture with business intelligence for all. This guide to achieving the Microsoft Power BI Data Analyst Associate certification will help you take control of your organization's data and pass the exam with confidence. From getting started with Power BI to connecting to data sources, including files, databases, cloud services, and SaaS providers, to using Power BI's built-in tools to build data models and produce visualizations, this book will walk you through everything from setup to preparing for the certification exam. Throughout the chapters, you'll get detailed explanations and learn how to analyze your data, prepare it for consumption by business users, and maintain an enterprise environment in a secure and efficient way. By the end of this book, you'll be able to create and maintain robust reports and dashboards, enabling you to manage a data-driven enterprise, and be ready to take the PL-300 exam with confidence. What you will learn • Connect to and prepare data from a variety of sources • Clean, transform, and shape your data for analysis • Create data models that enable insight creation • Analyze data using Microsoft Power BI's capabilities • Create visualizations to make analysis easier • Discover how to deploy and manage Microsoft Power BI assets Who this book is for This book is for data analysts and BI professionals who want to become more competent in Microsoft Power BI. Although the content in this book will help you pass the PL-300 exam, there are plenty of other practical applications beyond exam preparation in the chapters. No prior experience with Power BI is

needed.

HEALTH INFORMATICS: PRACTICAL GUIDE FOR HEALTHCARE AND INFORMATION TECHNOLOGY PROFESSIONALS (FIFTH EDITION)

Lulu.com Health Informatics (HI) focuses on the application of information technology (IT) to the field of medicine to improve individual and population healthcare delivery, education and research. This extensively updated fifth edition reflects the current knowledge in Health Informatics and provides learning objectives, key points, case studies and references. Topics include: HI Overview; Healthcare Data, Information, and Knowledge; Electronic Health Records, Practice Management Systems; Health Information Exchange; Data Standards; Architectures of Information Systems;Health Information Privacy and Security; HI Ethics; Consumer HI; Mobile Technology; Online Medical Resources; Search Engines; Evidence-Based Medicine and Clinical Practice Guidelines; Disease Management and Registries; Quality Improvement Strategies; Patient Safety; Electronic Prescribing; Telemedicine; Picture Archiving and Communication Systems; Bioinformatics; Public HI; E-Research. Available as a printed copy and E-book.

THE SOUNDEX REFERENCE GUIDE

TRISSEL'S STABILITY OF COMPOUNDED FORMULATIONS

Amer Pharmaceutical Assn The only book that provides a single compilation of all currently available stability information on drugs in compounded oral, enteral, topical, and ophthalmic formulations. Based on data published over the past 40 years, the reference summarizes specific formulations and stability studies. The book assist readers in determining whether formulated compounds will be stable for the anticipated duration of use, how to properly store and repackage compounded formulations, how to formulate in accordance with documented standards, and counseling patients on the use and storage of compounded medications. The second edition thoroughly updates monographs on 280 products, and includes 674 references from the worldwide literature.

CLINICAL INFORMATICS STUDY GUIDE

TEXT AND REVIEW

Springer This books provides content that arms clinicians with the core knowledge and competencies necessary to be

effective informatics leaders in health care organizations. The content is drawn from the areas recognized by the American Council on Graduate Medical Education (ACGME) as necessary to prepare physicians to become Board Certified in Clinical Informatics. Clinical informaticians transform health care by analyzing, designing, selecting, implementing, managing, and evaluating information and communication technologies (ICT) that enhance individual and population health outcomes, improve patient care processes, and strengthen the clinician-patient relationship. As the specialty grows, the content in this book covers areas useful to nurses, pharmacists, and information science graduate students in clinical/health informatics programs. These core competencies for clinical informatics are needed by all those who lead and manage ICT in health organizations, and there are likely to be future professional certifications that require the content in this text.

LINNE & RINGSRUD'S CLINICAL LABORATORY SCIENCE - E-BOOK

THE BASICS AND ROUTINE TECHNIQUES

Elsevier Health Sciences Updated and easy-to-use, Linne & Ringsrud's Clinical Laboratory Science: The Basics and Routine Techniques, 6th Edition delivers a fundamental overview of the laboratory skills and techniques essential for success in your classes and your career. Author Mary Louise Turgeon's simple, straightforward writing clarifies complex concepts, and a discipline-by-discipline approach helps you build the knowledge to confidently perform clinical laboratory tests and ensure accurate, effective results. Expert insight from respected educator and author Mary Louise Turgeon reflects the full spectrum of clinical laboratory science. Engaging full-color design and illustrations familiarize you with what you'll see under the microscope. Streamlined approach makes must-know concepts and practices more accessible. Broad scope provides an ideal introduction to clinical laboratory science at various levels, including MLS/MLT and Medical Assisting. Hands-on procedures guide you through the exact steps you'll perform in the lab. Learning objectives help you identify key chapter content and study more effectively. Case studies challenge you to apply concepts to realistic scenarios. Review questions at the end of each chapter help you assess your understanding and identify areas requiring additional study. A companion Evolve website provides convenient online access to procedures, glossary, audio glossary and links to additional information. Updated instrumentation coverage familiarizes you with the latest technological advancements in clinical laboratory science. Perforated pages make it easy for you to take procedure instructions with you into the lab. Enhanced organization helps you study more efficiently and quickly locate the information you need. Convenient glossary provides fast, easy access to definitions of

key terms.

THE MARKET GUIDE

THE NEW HEALTH ECONOMY

GROUND RULES FOR LEADERS

Georgetown University Press "Health care plays a massive societal role. It is complex, and it is growing. Defining trends of the last decade have fundamentally altered the traditional dynamics of the field. A global pandemic is the current agent of disruption. The New Health Economy: Ground Rules for Leaders explores the impact of the 4Ps that influence the health economy - Politics, Policy, Providers and Personalization - in aggregate. While many books in the field consider one angle, this is the first book to represent the authors' 360-degree view, informed by case study interviews with 13 key leaders in health systems, provider networks, pharmaceuticals (Pfizer and J&J), insurers, public policy, the private sector (Walmart) and government agencies like the CDC. With expertise spanning clinical advancement and scientific discovery, health services and the health economy, health care politics and health financing and policy, and healt hcare digitization and data-driven personalization, Bisbee, Jain, and Trigg have worked and lived in health care for decades. They partner with executives across the health economy to help them navigate the intersectional forces of change every day. The New Health Economy, it is hoped, will play a critical role in sharing their collective insights to an even broader segment of leaders who are similarly making tough decisions that will redefine the future of health care in the years to come"--

INFOWORLD

InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

HEALTHCARE EQ

A CLINICIAN'S GUIDE

iUniverse If there is one thing we can all be certain of, it is that as long as there are sick people who need care,

clinicians will be needed to provide that care. As such, skills required to treat a vast array of illnesses and injuries have been the focus of education for clinicians, and rightfully so. There is, however, a missing skill: emotional intelligence. Caring for the ill, as a physician, nurse, or any other designation, means having direct contact with people at their most vulnerable times. It means interacting with families of the ailing. These are emotional events requiring different skills and knowledge from that of treating the illness or injury itself. This book presents a new framework and language for clinicians to complement their current skills and enhance the patient experience.