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KEY=PROBLEMS - CHOI MCCONNELL

GUIDELINES ON THE USE OF STATISTICAL BUSINESS REGISTERS FOR BUSINESS DEMOGRAPHY AND ENTREPRENEURSHIP STATISTICS

United Nations *The Guidelines provide practical guidance on how to develop and maintain statistical business registers to support the production of business demography and entrepreneurship statistics. The Guidelines contain definitions and compilation guidance for key demographic events and propose business demography indicators that can be produced directly from the register. They also describe the requirements for the register to produce business demography indicators and provide guidance on linking the register with other data sources.*

BUSINESS STATISTICS: PROBLEMS & SOLUTIONS

Vikas Publishing House *This book meets the specific and complete requirements of students pursuing MBA/PGDBM, B.Com., M.Com., MA(Eco), CA, ICWA, BBA, BIS/BIT/BCA, etc., courses, who need to understand the basic concepts of business statistics and apply results directly to real-life business problems. The book also suits the requirements of students who need practical knowledge of the subject, as well as for those preparing for competitive examinations.*

BUSINESS STATISTICS

CONTEMPORARY DECISION MAKING

John Wiley & Sons *Help your students see the light. With its myriad of techniques, concepts and formulas, business statistics can be overwhelming for many students. They can have trouble recognizing the importance of studying statistics, and making connections between concepts. Ken Black's fifth edition of Business Statistics: For Contemporary Decision Making helps students see the big picture of the business statistics course by giving clearer paths to learn and choose the right techniques. Here's how Ken Black helps students see the big picture: Video Tutorials-In these video clips, Ken Black provides students with extra learning assistance on key difficult topics. Available in WileyPLUS. Tree Taxonomy Diagram-Tree Taxonomy Diagram for Unit 3 further illustrates the connection between topics and helps students pick the correct technique to use to solve problems. New Organization-The Fifth Edition is reorganized into four units, which will help professor teach and students see the connection between topics. WileyPLUS-WilePLUS provides everything needed to create an environment where students can reach their full potential and experience the exhilaration of academic success. In addition to a complete online text, online homework, and instant feedback, WileyPLUS offers additional Practice Problems that give students the opportunity to apply their knowledge, and Decision Dilemma Interactive Cases that provide real-world decision-making scenarios. Learn more at www.wiley.co/college/wileyplus.*

APPLIED STATISTICS FOR BUSINESS AND MANAGEMENT USING MICROSOFT EXCEL

Springer Science & Business Media *Applied Business Statistics for Business and Management using Microsoft Excel is the first book to illustrate the capabilities of Microsoft Excel to teach applied statistics effectively. It is a step-by-step exercise-driven guide for students and practitioners who need to master Excel to solve practical statistical problems in industry. If understanding statistics isn't your strongest suit, you are not especially mathematically-inclined, or if you are wary of computers, this is the right book for you. Excel, a widely available computer program for students and managers, is also an effective teaching and learning tool for quantitative analyses in statistics courses. Its powerful computational ability and graphical functions make learning statistics much easier than in years past. However, Applied Business Statistics for Business and Management capitalizes on these improvements by teaching students and practitioners how to apply Excel to statistical techniques necessary in their courses and workplace. Each chapter explains statistical formulas and directs the reader to use Excel commands to solve specific, easy-to-understand business problems. Practice problems are provided at the end of each chapter with their solutions.*

MATHEMATICAL STATISTICS

Springer Science & Business Media This graduate textbook covers topics in statistical theory essential for graduate students preparing for work on a Ph.D. degree in statistics. This new edition has been revised and updated and in this fourth printing, errors have been ironed out. The first chapter provides a quick overview of concepts and results in measure-theoretic probability theory that are useful in statistics. The second chapter introduces some fundamental concepts in statistical decision theory and inference. Subsequent chapters contain detailed studies on some important topics: unbiased estimation, parametric estimation, nonparametric estimation, hypothesis testing, and confidence sets. A large number of exercises in each chapter provide not only practice problems for students, but also many additional results.

PROBLEMS & SOLUTIONS IN BUSINESS MATHEMATICS AND STATISTICS BY DR. ALOK GUPTA - SBPD PUBLICATIONS (ENGLISH)

RAJEEV BANSAL 1. Averages, 2. Ratio, 3. Proportion, 4. Percentage, 5. Profit and Loss, 6. Simple Interest, 7. Compound Interest, 8. Annuities, 9. True Discount and Banker's Discount, 10. Basic Concepts of Set Theory, 11. Simultaneous Equations, 12. Quadratic Equations (In One Variable Inequalities), 13. Linear Programming (Two Variable).

DATA SCIENCE FOR BUSINESS

WHAT YOU NEED TO KNOW ABOUT DATA MINING AND DATA-ANALYTIC THINKING

"O'Reilly Media, Inc." Written by renowned data science experts Foster Provost and Tom Fawcett, *Data Science for Business* introduces the fundamental principles of data science, and walks you through the "data-analytic thinking" necessary for extracting useful knowledge and business value from the data you collect. This guide also helps you understand the many data-mining techniques in use today. Based on an MBA course Provost has taught at New York University over the past ten years, *Data Science for Business* provides examples of real-world business problems to illustrate these principles. You'll not only learn how to improve communication between business stakeholders and data scientists, but also how participate intelligently in your company's data science projects. You'll also discover how to think data-analytically, and fully appreciate how data science methods can support business decision-making. Understand how data science fits in your organization—and how you can use it for competitive advantage Treat data as a business asset that requires careful investment if you're to gain real value Approach business problems data-analytically, using the data-mining process to gather good data in the most appropriate way Learn general concepts for actually extracting knowledge from data Apply data science principles when interviewing data science job candidates

METHODS AND APPLICATIONS OF STATISTICS IN BUSINESS, FINANCE, AND MANAGEMENT SCIENCE

John Wiley & Sons Inspired by the *Encyclopedia of Statistical Sciences, Second Edition (ESS2e)*, this volume presents a concise, well-rounded focus on the statistical concepts and applications that are essential for understanding gathered data in the study of business, finance, and management science. The book successfully upholds the goals of ESS2e by combining both previously-published and newly developed contributions written by over 100 leading academics, researchers, and practitioner in a comprehensive, approachable format. The result is a succinct reference that unveils modern, cutting-edge approaches to acquiring and analyzing data across diverse subject areas within these three disciplines, including risk management, mathematical finance, economics, supply chain management, derivative pricing, and resource allocation. In addition, techniques related to survey methodology, computational statistics, and operations research are discussed, where applicable. Topics of coverage include: Logistics Decision analysis Optimization Simulation Forecasting Mathematical modeling Data mining

HANDBOOK OF RESEARCH ON SOCIO-TECHNICAL DESIGN AND SOCIAL NETWORKING SYSTEMS

IGI Global Addresses current issues of research into socio-technical systems (STSs). Provides suggestions on how social knowledge can synergize with technical knowledge.

DATA MINING USING SAS APPLICATIONS

CRC Press Most books on data mining focus on principles and furnish few instructions on how to carry out a data mining project. *Data Mining Using SAS Applications* not only introduces the key concepts but also enables readers to understand and successfully apply data mining methods using powerful yet user-friendly SAS macro-call files. These methods stress the use of visualization to thoroughly study the structure of data and check the validity of statistical models fitted to data. Learn how to convert PC databases to SAS data Discover sampling techniques to create training and validation samples Understand frequency data analysis for categorical data Explore supervised and unsupervised learning Master exploratory graphical techniques Acquire model validation techniques in regression and classification The text furnishes 13 easy-to-use SAS data mining macros designed to work with the standard SAS modules. No additional modules or previous experience in SAS programming is required.

The author shows how to perform complete predictive modeling, including data exploration, model fitting, assumption checks, validation, and scoring new data, on SAS datasets in less than ten minutes!

SMART TECHNOLOGY TRENDS IN INDUSTRIAL AND BUSINESS MANAGEMENT

Springer This book presents current developments in smart city research and application regarding the management of manufacturing systems, Industry 4.0, transportation, and business management. It suggests approaches to incorporating smart city innovations into manufacturing systems, with an eye towards competitiveness in a global environment. The same pro-innovative approach is then applied to business and cooperation management. The authors also present smart city transportation solutions including vehicle data processing/reporting system, mobile application for fleet managers, bus drivers, bus passengers and special applications for smart city buses like passenger counting system, IP cameras, GPS system etc. The goal of the book is to establish channels of communication and disseminate knowledge among researchers and professionals working on smart city research and application. Features contributions on a variety of topics related to smart cities from global researchers and professionals in a wide range of sectors; Presents topics relating to smart cities such as manufacturing, business, and transportation; Includes expanded selected papers from EAI International Conference on Management of Manufacturing Systems (MMS 2016), EAI Industry of Things and Future Technologies Conference – Mobility IoT 2016 and International Conference on Smart Electric Vehicles and Vehicular Ad-hoc NETWORKS (SEVNET).

GLOBAL ENVIRONMENT OUTLOOK - GEO-6: HEALTHY PLANET, HEALTHY PEOPLE

Cambridge University Press Published to coincide with the Fourth United Nations Environmental Assembly, UN Environment's sixth Global Environment Outlook calls on decision makers to take bold and urgent action to address pressing environmental issues in order to protect the planet and human health. By bringing together hundreds of scientists, peer reviewers and collaborating institutions and partners, the GEO reports build on sound scientific knowledge to provide governments, local authorities, businesses and individual citizens with the information needed to guide societies to a truly sustainable world by 2050. GEO-6 outlines the current state of the environment, illustrates possible future environmental trends and analyses the effectiveness of policies. This flagship report shows how governments can put us on the path to a truly sustainable future - emphasising that urgent and inclusive action is needed to achieve a healthy planet with healthy people. This title is also available as Open Access on Cambridge Core.

INNOVATIVE DATA COMMUNICATION TECHNOLOGIES AND APPLICATION

PROCEEDINGS OF ICIDCA 2021

Springer Nature This book presents the latest research in the fields of computational intelligence, ubiquitous computing models, communication intelligence, communication security, machine learning, informatics, mobile computing, cloud computing, and big data analytics. The best selected papers, presented at the International Conference on Innovative Data Communication Technologies and Application (ICIDCA 2021), are included in the book. The book focuses on the theory, design, analysis, implementation, and application of distributed systems and networks.

STATISTICS FOR BUSINESS AND ECONOMICS

ALIGNING BUSINESS STRATEGIES AND ANALYTICS

BRIDGING BETWEEN THEORY AND PRACTICE

Springer This book examines issues related to the alignment of business strategies and analytics. Vast amounts of data are being generated, collected, stored, processed, analyzed, distributed and used at an ever-increasing rate by organizations. Simultaneously, managers must rapidly and thoroughly understand the factors driving their business. Business Analytics is an interactive process of analyzing and exploring enterprise data to find valuable insights that can be exploited for competitive advantage. However, to gain this advantage, organizations need to create a sophisticated analytical climate within which strategic decisions are made. As a result, there is a growing awareness that alignment among business strategies, business structures, and analytics are critical to effectively develop and deploy techniques to enhance an organization's decision-making capability. In the past, the relevance and usefulness of academic research in the area of alignment is often questioned by practitioners, but this book seeks to bridge this gap. *Aligning Business Strategies and Analytics: Bridging Between Theory and Practice* is comprised of twelve chapters, divided into three sections. The book begins by introducing business analytics and the current gap between academic training and the needs within the business community. Chapters 2 - 5 examines how the use of cognitive computing improves financial advice, how technology is accelerating the growth of the financial advising industry, explores the application of advanced analytics to various facets of the industry and provides the context for analytics in practice. Chapters 6 - 9 offers real-world examples of how project management professionals tackle big-data challenges, explores the application of agile methodologies, discusses the

operational benefits that can be gained by implementing real-time, and a case study on human capital analytics. Chapters 10 - 11 reviews the opportunities and potential shortfall and highlights how new media marketing and analytics fostered new insights. Finally the book concludes with a look at how data and analytics are playing a revolutionary role in strategy development in the chemical industry.

BUSINESS INTELLIGENCE GUIDEBOOK

FROM DATA INTEGRATION TO ANALYTICS

Newnes Between the high-level concepts of business intelligence and the nitty-gritty instructions for using vendors' tools lies the essential, yet poorly-understood layer of architecture, design and process. Without this knowledge, Big Data is belittled - projects flounder, are late and go over budget. *Business Intelligence Guidebook: From Data Integration to Analytics* shines a bright light on an often neglected topic, arming you with the knowledge you need to design rock-solid business intelligence and data integration processes. Practicing consultant and adjunct BI professor Rick Sherman takes the guesswork out of creating systems that are cost-effective, reusable and essential for transforming raw data into valuable information for business decision-makers. After reading this book, you will be able to design the overall architecture for functioning business intelligence systems with the supporting data warehousing and data-integration applications. You will have the information you need to get a project launched, developed, managed and delivered on time and on budget - turning the deluge of data into actionable information that fuels business knowledge. Finally, you'll give your career a boost by demonstrating an essential knowledge that puts corporate BI projects on a fast-track to success. Provides practical guidelines for building successful BI, DW and data integration solutions. Explains underlying BI, DW and data integration design, architecture and processes in clear, accessible language. Includes the complete project development lifecycle that can be applied at large enterprises as well as at small to medium-sized businesses Describes best practices and pragmatic approaches so readers can put them into action. Companion website includes templates and examples, further discussion of key topics, instructor materials, and references to trusted industry sources.

ACCOUNTING: INFORMATION FOR BUSINESS DECISIONS

Cengage AU A business focused introduction to Accounting for all students - not just those intending to be Accounting majors. Lead students through the real-world business cycle and how accounting information informs decision-making. Students learn how to base decisions on two kinds of accounting information - managerial and financial. Departing from the traditional approach taken by other introductory accounting textbooks, students apply both managerial and financial approaches within the topics examined in each chapter. The conversational writing engages students in the theoretical content and how it applies to contemporary real-world scenarios. The new edition updates includes the fully integrated Cafe Revive case study. Students follow a retail coffee business through the book to learn about applying accounting issues in the real world.

PROBLEMS AND SOLUTIONS IN BUSINESS MATHEMATICS AND STATISTICS CLASS XII BY DR. S. K. SINGH, DR. AWADHESH KUMAR SINGH

SBPD PUBLICATIONS

SBPD Publications UNIT - I Business Mathematics 1. Arithmetic Progression (A.P.), 2. Geometric Progression (G.P.), 3. Harmonic Progression (H.P.), 4. Properties of A. P., G. P. and H. P., 5. Permutation and Combination, 6. Determinants, 7. Matrices, 8. Set Theory, 9. Differentiation, 10. Integration, UNIT - II Statistics 1. Measures of Central Tendency : Arithmetic Mean, 2. Median, 3. Mode, 4. Geometric Mean, 5. Harmonic Mean, 6. Analysis of Time Series, 7. Theory of Probability, 8. Interpolation and Extrapolation.

STATISTICS FOR BUSINESS AND ECONOMICS, 5TH EDITION

Vikas Publishing House *STATISTICS FOR BUSINESS AND ECONOMICS* is a comprehensive textbook on Statistics that caters to the needs of students doing a course of any level in the subject. As consumers and future managers, students are introduced to a range of data collection and analysis methods that enable them to evaluate such data and analyse them to reach well informed decisions in various business settings. The thorough and exhaustive text, supplemented by a large number of solved examples, provides a firm grounding in the basics of Statistics. The step-by-step explanations and the logical progression of subject topics go a long way in simplifying the various concepts, methods and problem-solving processes comprising the subject. The book exposes the entire subject matter in a manner that aids easy comprehension and the basic learning of the subject even by those who have not studied it earlier. A large number of questions and exercises at the end of each chapter provide ample scope for practice and application of methods discussed in the book. Solutions to problems are provided in the CD that accompanies the book. The book is useful for students of management, economics and commerce, in which Statistics is a core paper in almost all universities. It is also useful for those preparing for various competitive exams.

SOLVING BUSINESS PROBLEMS USING SQL

A DEFINITIVE GUIDE FOR BEGINNERS WHO WANT TO BE PROFICIENT IN DATABASE DESIGN AND WRITING SQL

Independently Published Are you getting ready for your new job? Data analysis and presentation is one of the most in-demand job skills right now. Knowing SQL syntaxes and applying them to the real world problems will give you advantage in your career. Whether you are going to start a new job, or you are a database administrator, developer of web or mobile applications, or you are engaged in a similar business applications role, a good understanding of SQL is essential for communicating with modern database systems. The point is that, if you are working with data, you definitely need to know SQL. There are plenty of resources regarding SQL syntaxes, but it is difficult to find resources that shows how to apply these syntaxes for solving real world business problems. This book is filling this gap. This book is for anyone who has little to no knowledge about databases or SQL and would like to become an expert in it. The lessons and practice scenarios in this book are designed to teach a total beginner how to build a complete database from scratch using SQL. For those of you who are not novices, we recommend this book as a valuable resource for: Application developers who want to learn how to write SQL on their own rather than rely on a database developer to do it for them Application developers who want to become a solution designer/architect by becoming proficient in database design and SQL Data analysts, data architects, report analysts or report developers who have to answer a lot of business questions and want to use SQL to answer those questions Application users who want to go the extra mile and find answers to their own questions using SQL Anyone who is an expert in one database tool and wants to become an expert in another database tool Business users or project managers who would like to know how to talk to technical people (such as those mentioned above) Anyone who can write SQL but doesn't know how to design a database from a business case In short, if you want to take a more active role in how your database powers your business, the SQL skills taught in this book will give you an advantage in your career. You will learn how to: Create data model for your business Convert data model into physical database Insert, update and delete data Solve real world problems related to data Recover your data from disaster Table of Contents A Basic Vocabulary of Database Design & SQL The E-commerce Site Case Study Installing SQL Tools Converting a logical data model into a physical database Manipulating Data Retrieving Static Data without a Table Retrieving All Rows from a Table Retrieving subset of rows from a table Summarizing Retrieved Rows from a Table Retrieving and Summarizing Data from Multiple Tables Using Inner Join Retrieving and summarizing data from multiple tables using Outer Join Retrieving and Summarizing Data from Multiple Tables Using UNION Working with Views Comparing Data Between Rows Within the Same Table or Result Set Using Self-Join Working with Flow-control Statements Working with Stored Procedures Working with Triggers Improving query performance using indexes Backing up and restoring a database Appendix A Solutions to the Practice Business Problems

PROFESSIONAL HADOOP SOLUTIONS

John Wiley & Sons The go-to guidebook for deploying Big Data solutions with Hadoop Today's enterprise architects need to understand how the Hadoop frameworks and APIs fit together, and how they can be integrated to deliver real-world solutions. This book is a practical, detailed guide to building and implementing those solutions, with code-level instruction in the popular Wrox tradition. It covers storing data with HDFS and Hbase, processing data with MapReduce, and automating data processing with Oozie. Hadoop security, running Hadoop with Amazon Web Services, best practices, and automating Hadoop processes in real time are also covered in depth. With in-depth code examples in Java and XML and the latest on recent additions to the Hadoop ecosystem, this complete resource also covers the use of APIs, exposing their inner workings and allowing architects and developers to better leverage and customize them. The ultimate guide for developers, designers, and architects who need to build and deploy Hadoop applications Covers storing and processing data with various technologies, automating data processing, Hadoop security, and delivering real-time solutions Includes detailed, real-world examples and code-level guidelines Explains when, why, and how to use these tools effectively Written by a team of Hadoop experts in the programmer-to-programmer Wrox style Professional Hadoop Solutions is the reference enterprise architects and developers need to maximize the power of Hadoop.

BUSINESS STATISTICS STUDENT SOLUTIONS MANUAL

A FIRST COURSE

Prentice Hall Written by Pin T. Ng, Northern Arizona State University. Consists of three major sections: the Objective section summarizes what is expected of a student after reading a chapter; the Overview and Key Concepts section provides an overview of the major topics covered in a chapter and lists the important key concepts; Solutions to Even-Numbered Problems section provides extra detail in the problem solutions.

11TH INTERNATIONAL CONFERENCE ON CYBER WARFARE AND SECURITY

ICCWS2016

Academic Conferences and publishing limited *The 11th International Conference on Cyber Warfare and Security (ICCWS 2016)* is being held at Boston University, Boston, USA on the 17-18th March 2016. The Conference Chair is Dr Tanya Zlateva and the Programme Chair is Professor Virginia Greiman, both from Boston University. ICCWS is a recognised Cyber Security event on the International research conferences calendar and provides a valuable platform for individuals to present their research findings, display their work in progress and discuss conceptual and empirical advances in the area of Cyber Warfare and Cyber Security. It provides an important opportunity for researchers and managers to come together with peers to share their experiences of using the varied and expanding range of Cyberwar and Cyber Security research available to them. The keynote speakers for the conference are Daryl Haegley from the Department of Defense (DoD), who will address the topic Control Systems Networks...What's in Your Building? and Neal Ziring from the National Security Agency who will be providing some insight to the issue of Is Security Achievable? A Practical Perspective. ICCWS received 125 abstract submissions this year. After the double blind, peer review process there are 43 Academic Research Papers 8 PhD papers Research papers, 7 Masters and 1 work-in-progress papers published in these Conference Proceedings. These papers represent work from around the world, including: Australia, Canada, China, Czech Republic, District of Columbia, Finland, France, Israel, Japan, Lebanon, Netherlands, Pakistan, Russian Federation, Saudi Arabia, South Africa, Turkey, United Arab Emirates, UK, USA.

MODELING TECHNIQUES IN PREDICTIVE ANALYTICS

BUSINESS PROBLEMS AND SOLUTIONS WITH R, REVISED AND EXPANDED EDITION

FT Press *To succeed with predictive analytics, you must understand it on three levels: Strategy and management Methods and models Technology and code* This up-to-the-minute reference thoroughly covers all three categories. Now fully updated, this uniquely accessible book will help you use predictive analytics to solve real business problems and drive real competitive advantage. If you're new to the discipline, it will give you the strong foundation you need to get accurate, actionable results. If you're already a modeler, programmer, or manager, it will teach you crucial skills you don't yet have. Unlike competitive books, this guide illuminates the discipline through realistic vignettes and intuitive data visualizations—not complex math. Thomas W. Miller, leader of Northwestern University's pioneering program in predictive analytics, guides you through defining problems, identifying data, crafting and optimizing models, writing effective R code, interpreting results, and more. Every chapter focuses on one of today's key applications for predictive analytics, delivering skills and knowledge to put models to work—and maximize their value. Reflecting extensive student and instructor feedback, this edition adds five classroom-tested case studies, updates all code for new versions of R, explains code behavior more clearly and completely, and covers modern data science methods even more effectively. All data sets, extensive R code, and additional examples available for download at <http://www.ftpress.com/miller> If you want to make the most of predictive analytics, data science, and big data, this is the book for you. Thomas W. Miller's unique balanced approach combines business context and quantitative tools, appealing to managers, analysts, programmers, and students alike. Miller addresses multiple business cases and challenges, including segmentation, brand positioning, product choice modeling, pricing research, finance, sports, text analytics, sentiment analysis, and social network analysis. He illuminates the use of cross-sectional data, time series, spatial, and spatio-temporal data. You'll learn why each problem matters, what data are relevant, and how to explore the data you've identified. Miller guides you through conceptually modeling each data set with words and figures; and then modeling it again with realistic R programs that deliver actionable insights. You'll walk through model construction, explanatory variable subset selection, and validation, mastering best practices for improving out-of-sample predictive performance. Throughout, Miller employs data visualization and statistical graphics to help you explore data, present models, and evaluate performance. This edition adds five new case studies, updates all code for the newest versions of R, adds more commenting to clarify how the code works, and offers a more detailed and up-to-date primer on data science methods. Gain powerful, actionable, profitable insights about: Advertising and promotion Consumer preference and choice Market baskets and related purchases Economic forecasting Operations management Unstructured text and language Customer sentiment Brand and price Sports team performance And much more

EXTREME ENVIRONMENTAL EVENTS

COMPLEXITY IN FORECASTING AND EARLY WARNING

Springer Science & Business Media *Extreme Environmental Events* is an authoritative single source for understanding and applying the basic tenets of complexity and systems theory, as well as the tools and measures for analyzing complex systems, to the prediction, monitoring, and evaluation of major natural phenomena affecting life on earth. These phenomena are often highly destructive, and include earthquakes, tsunamis, volcanoes, climate change, and weather. Early warning, damage, and the immediate response of human populations to these phenomena are also covered from the point of view of complexity and nonlinear systems. In 61 authoritative, state-of-the-art articles, world experts in each field apply such tools and concepts as fractals, cellular automata, solitons game theory, network theory, and statistical physics to an understanding of these complex geophysical phenomena.

CONVERSATIONS ABOUT CHALLENGES IN COMPUTING

Springer Science & Business Media This text sheds light on how mathematical models and computing can help understanding and prediction of complicated physical processes; how communication networks should be designed and implemented to meet the increasingly challenging requirements from users; and how modern engineering principles can lead to better and more robust software systems. Through interviews with 12 internationally recognized researchers within these fields, conducted by the well-known science writer Dana Mackenzie and the science journalist Kathrine Aspaas, the reader gets views on recent achievements and future challenges.

.NET 4 WROX PDF BUNDLE

PROFESSIONAL ASP.NET 4, PROFESSIONAL C# 4, VB 2010 PROGRAMMER'S REF, WPF PROGRAMMER'S REF, PROFESSIONAL VISUAL STUDIO 2010

John Wiley & Sons The books included in this set are: 9780470502204 Professional ASP.NET 4: in C# and VB: Written by three highly recognized and regarded ASP.NET experts, this book provides comprehensive coverage on ASP.NET 4 with a unique approach featuring examples in both C# and VB, as is the incomparable coverage of core ASP.NET. After a fast-paced refresher on essentials such as server controls, the book delves into expert coverage of all the latest capabilities of ASP.NET 4. 9780470502259 Professional C# 4 and .NET 4: After a quick refresher on C# basics, the author dream team moves on to provide you with details of language and framework features including LINQ, LINQ to SQL, LINQ to XML, WCF, WPF, Workflow, and Generics. Coverage also spans ASP.NET programming with C#, working in Visual Studio 2010 with C#, and more. With this book, you'll quickly get up to date on all the newest capabilities of C# 4. 9780470548653 Professional Visual Studio 2010: This book gets you quickly up to speed on what you can expect from Visual Studio 2010. Packed with helpful examples, this comprehensive guide explains examines the features of Visual Studio 2010, which allows you to create and manage programming projects for the Windows platform. It walks you through every facet of the Integrated Development Environment (IDE), from common tasks and functions to its powerful tools 9780470499832 Visual Basic 2010 Programmer's Reference: This reference guide provides you with a broad, solid understanding of essential Visual Basic 2010 topics and clearly explains how to use this powerful programming language to perform a variety of tasks. As a tutorial, the book describes the Visual Basic language and covers essential Visual Basic topics. The material presents categorized information regarding specific operations and reveals useful tips, tricks, and tidbits to help you make the most of the new Visual Basic 2010. 9780470477229 WPF Programmer's Reference: Windows Presentation Foundation with C# 2010 and .NET 4: Written by a leading expert on Microsoft graphics programming, this richly illustrated book provides an introduction to WPF development and explains fundamental WPF concepts. It is packed with helpful examples and progresses through a range of topics that gradually increase in their complexity. 9780470257029 Professional SQL Server 2008 Programming: This expanded best-seller includes new coverage of SQL Server 2008's new datatypes, new indexing structures, manageability features, and advanced time-zone handling. As an added bonus, also includes Professional SQL Server 2005 Programmers for .NET 4 developers still working in a SQL Server 2005 setting.

DATA QUALITY

DIMENSIONS, MEASUREMENT, STRATEGY, MANAGEMENT, AND GOVERNANCE

Quality Press "This is not the kind of book that you'll read one time and be done with. So scan it quickly the first time through to get an idea of its breadth. Then dig in on one topic of special importance to your work. Finally, use it as a reference to guide your next steps, learn details, and broaden your perspective." from the foreword by Thomas C. Redman, Ph.D., [the Data Doc] Good data is a source of myriad opportunities, while bad data is a tremendous burden. Companies that manage their data effectively are able to achieve a competitive advantage in the marketplace, while bad data, like cancer, can weaken and kill an organization. In this comprehensive book, Rupa Mahanti provides guidance on the different aspects of data quality with the aim to be able to improve data quality. Specifically, the book addresses: -Causes of bad data quality, bad data quality impacts, and importance of data quality to justify the case for data quality-Butterfly effect of data quality-A detailed description of data quality dimensions and their measurement-Data quality strategy approach-Six Sigma - DMAIC approach to data quality-Data quality management techniques-Data quality in relation to data initiatives like data migration, MDM, data governance, etc.-Data quality myths, challenges, and critical success factors Students, academicians, professionals, and researchers can all use the content in this book to further their knowledge and get guidance on their own specific projects. It balances technical details (for example, SQL statements, relational database components, data quality dimensions measurements) and higher-level qualitative discussions (cost of data quality, data quality strategy, data quality maturity, the case made for data quality, and so on) with case studies, illustrations, and real-world examples throughout.

THE REMOTE SENSING OF TROPOSPHERIC COMPOSITION FROM SPACE

Springer Science & Business Media The impact of anthropogenic activities on our atmospheric environment is of growing public concern and satellite-based techniques now provide an essential component

of observational strategies on regional and global scales. The purpose of this book is to summarise the state of the art in the field in general, while describing both key techniques and findings in particular. It opens with an historical perspective of the field together with the basic principles of remote sensing from space. Three chapters follow on the techniques and on the solutions to the problems associated with the various spectral regions in which observations are made. The particular challenges posed by aerosols and clouds are covered in the next two chapters. Of special importance is the accuracy and reliability of remote sensing data and these issues are covered in a chapter on validation. The final section of the book is concerned with the exploitation of data, with chapters on observational aspects, which includes both individual and synergistic studies, and on the comparison of global and regional observations with chemical transport and climate models and the added value that the interaction brings to both. The book concludes with scientific needs and likely future developments in the field, and the necessary actions to be taken if we are to have the global observation system that the Earth needs in its present, deteriorating state. The appendices provide a comprehensive list of satellite instruments, global representations of some ancillary data such as fire counts and light pollution, a list of abbreviations and acronyms, and a set of colourful timelines indicating the satellite coverage of tropospheric composition in the foreseeable future. Altogether, this book will be a timely reference and overview for anyone working at the interface of environmental, atmospheric and space sciences.

FIFTY CHALLENGING PROBLEMS IN PROBABILITY WITH SOLUTIONS

Courier Corporation Remarkable puzzlers, graded in difficulty, illustrate elementary and advanced aspects of probability. These problems were selected for originality, general interest, or because they demonstrate valuable techniques. Also includes detailed solutions.

IMAGING & DOCUMENT SOLUTIONS

WEB PUBLISHING WITH ADOBE/ACROBAT/PDF

Springer Science & Business Media Although the World Wide Web is enjoying enormous growth rates, many Web publishers have discovered that HTML is not up to the requirements of modern corporate communication. For them, Adobe Acrobat offers a wealth of design possibilities. The close integration of Acrobat in the World Wide Web unites the structural advantages of HTML with the comprehensive layout possibilities of Portable Document Format (PDF). On the basis of practical examples and numerous tricks, this book describes how to produce PDF documents efficiently. Numerous tips on integrating Acrobat into CGI, JavaScript, VBScript, Active Server Pages, search engines, and so on make the book a mine of information for all designers and administrators of Web sites.

DESIGNING SOLUTIONS FOR YOUR BUSINESS PROBLEMS

A STRUCTURED PROCESS FOR MANAGERS AND CONSULTANTS

John Wiley & Sons Designing Solutions for Your Business Problems is an essential resource for managers and consultants who help organizations resolve ambiguous problems and develop new opportunities. Taking a hands-on, practical approach, Betty Vandebosch—a leading management consultant and educator—outlines the details on how to conduct a proven process for designing solutions. Designing Solutions for Your Business Problems will teach you how to curtail investigation and generate and justify ideas without sacrificing thoroughness, creativity, persuasiveness, and fit. You will be able to capitalize on more opportunities, and your problem-solving skills will become more efficient and your solutions more compelling. This book will help you design better solutions and design them faster. Betty Vandebosch offers a variety of useful techniques such as the "scooping diagram," which provides a framework for action, and the "logic diagram," which tests the validity of a potential solution. In addition, the book contains illustrative real-life examples of the Designing Solutions approach from a variety of organizations.

GOVERNING BUSINESS SYSTEMS

THEORIES AND CHALLENGES FOR SYSTEMS THINKING IN PRACTICE

Springer Based on papers from the 4th Business Systems Laboratory International Symposium (BSLAB) in 2016, this volume contributes to the business management, organizational and innovation literature by providing insights on the antecedents of systems thinking in the business systems domain. The Business Systems Laboratory International Symposium addresses current global economic and social challenges from a systemic perspective, drawing from the domains of management, economics, engineering and sociology. In particular, the 2016 Symposium focuses on the epistemological, theoretical, methodological, technical and practical contributions that represent advancements in the theory and practice of governing business systems to address present and future challenges in the global economy. The contributions explore the application of systems thinking to governance, involving the introduction of new administrative organizational and managerial activities aimed toward organizational innovation and control.

BUSINESS STATISTICS

Pearson Education India

UNDERSTANDING ECONOMIC STATISTICS: AN OECD PERSPECTIVE

OECD Publishing Drawing on OECD statistics in particular, 'Understanding Economic Statistics: an OECD perspective' shows readers how to use statistics to understand the world economy. It gives an overview of the history, key concepts and the main providers of economic statistics.

BUSINESS FORECASTING

PRACTICAL PROBLEMS AND SOLUTIONS

John Wiley & Sons A comprehensive collection of the field's most provocative, influential new work Business Forecasting compiles some of the field's important and influential literature into a single, comprehensive reference for forecast modeling and process improvement. It is packed with provocative ideas from forecasting researchers and practitioners, on topics including accuracy metrics, benchmarking, modeling of problem data, and overcoming dysfunctional behaviors. Its coverage includes often-overlooked issues at the forefront of research, such as uncertainty, randomness, and forecastability, as well as emerging areas like data mining for forecasting. The articles present critical analysis of current practices and consideration of new ideas. With a mix of formal, rigorous pieces and brief introductory chapters, the book provides practitioners with a comprehensive examination of the current state of the business forecasting field. Forecasting performance is ultimately limited by the 'forecastability' of the data. Yet failing to recognize this, many organizations continue to squander resources pursuing unachievable levels of accuracy. This book provides a wealth of ideas for improving all aspects of the process, including the avoidance of wasted efforts that fail to improve (or even harm) forecast accuracy. Analyzes the most prominent issues in business forecasting Investigates emerging approaches and new methods of analysis Combines forecasts to improve accuracy Utilizes Forecast Value Added to identify process inefficiency The business environment is evolving, and forecasting methods must evolve alongside it. This compilation delivers an array of new tools and research that can enable more efficient processes and more accurate results. Business Forecasting provides an expert's-eye view of the field's latest developments to help you achieve your desired business outcomes.

BUSINESS DATA COMMUNICATIONS

Prentice Hall Business Data Communications, 6/e, is ideal for use in Business Data Communications, Data Communications, and introductory Networking for Business courses. Business Data Communications, 6/e, covers the fundamentals of data communications, networking, distributed applications, and network management and security. Stallings presents these concepts in a way that relates specifically to the business environment and the concerns of business management and staff, structuring his text around requirements, ingredients, and applications. While making liberal use of real-world case studies and charts and graphs to provide a business perspective, the book also provides the student with a solid grasp of the technical foundation of business data communications. Throughout the text, references to the interactive, online animations supply a powerful tool in understanding complex protocol mechanisms. The Sixth Edition maintains Stallings' superlative support for either a research projects or modeling projects component in the course. The diverse set of projects and student exercises enables the instructor to use the book as a component in a rich and varied learning experience and to tailor a course plan to meet the specific needs of the instructor and students.

UNDERSTANDING CYBERCRIME

PHENOMENA, CHALLENGES AND LEGAL RESPONSE

United Nations Cyber attacks are on the rise. The media constantly report about data breaches and increasingly sophisticated cybercrime. Even governments are affected. At the same time, it is obvious that technology alone cannot solve the problem. What can countries do? Which issues can be addressed by policies and legislation? How to draft a good law? The report assists countries in understanding what cybercrime is about, what the challenges are in fighting such crime and supports them in drafting policies and laws.

DATA ASSIMILATION FOR ATMOSPHERIC, OCEANIC AND HYDROLOGIC APPLICATIONS (VOL. II)

Springer Science & Business Media This book contains the most recent progress in data assimilation in meteorology, oceanography and hydrology including land surface. It spans both theoretical and applicative aspects with various methodologies such as variational, Kalman filter, ensemble, Monte Carlo and artificial intelligence methods. Besides data assimilation, other important topics are also

covered including targeting observation, sensitivity analysis, and parameter estimation. The book will be useful to individual researchers as well as graduate students for a reference in the field of data assimilation.