

Quantitative Method For Business Decision 6th Edition

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We come up with the money for you this proper as skillfully as simple exaggeration to get those all. We manage to pay for Quantitative Method For Business Decision 6th Edition and numerous book collections from fictions to scientific research in any way. in the course of them is this Quantitative Method For Business Decision 6th Edition that can be your partner.

Quantitative Methods Paolo Brandimarte 2012-01-03 An accessible introduction to the essential quantitative methods for making valuable business decisions Quantitative methods-research techniques used to analyze quantitative data-enable professionals to organize and understand numbers and, in turn, to make good decisions. Quantitative Methods: An Introduction for Business Management presents the application of quantitative mathematical modeling to decision making in a business management context and emphasizes not only the role of data in drawing conclusions, but also the pitfalls of undiscerning reliance of software packages that implement standard statistical procedures. With hands-on applications and explanations that are accessible to readers at various levels, the book successfully outlines the necessary tools to make smart and successful business decisions. Progressing from beginner to more advanced material at an easy-to-follow pace, the author utilizes motivating examples throughout to aid readers interested in decision making and also provides critical remarks, intuitive traps, and counterexamples when appropriate. The book begins with a discussion of motivations and foundations related to the topic, with introductory presentations of concepts from calculus to linear algebra. Next, the core ideas of quantitative methods are presented in chapters that explore introductory topics in probability, descriptive and inferential statistics, linear regression, and a discussion of time series that includes both classical topics and more challenging models. The author also discusses linear programming models and decision making under risk as well as less standard topics in the field such as game theory and Bayesian statistics. Finally, the book concludes with a focus on selected tools from multivariate statistics, including advanced regression models and data reduction methods such as principal component analysis, factor analysis, and cluster analysis. The book promotes the importance of an analytical approach, particularly when dealing with a complex system where multiple individuals are involved and have conflicting incentives. A related website features Microsoft Excel® workbooks and MATLAB® scripts to illustrate concepts as well as additional exercises with solutions. Quantitative Methods is an excellent book for courses on the topic at the graduate level. The book also serves as an authoritative reference and self-study guide for financial and business professionals, as well as readers looking to reinforce their analytical skills.

Quantitative Decision Making with Spreadsheet Applications Lawrence L. Lapin 2002 Written for students with a background in algebra, this text provides a complete and modern treatment of basic management science methodology. The authors survey the variety and power of management science tools, working to alleviate students' apprehension about the subject and to enable students to recognize on-the-job situations in which management science methodology can be successfully employed. Emphasizing modeling skills for students of varying mathematical backgrounds, the authors explain how to use Microsoft Excel spreadsheets to build skills as they work through problems. In general, problems are broken into several parts to make difficult concepts easy for students to learn. This book's modular structure affords instructors maximum flexibility. This text contains a special student version of Palisade Corporation's DecisionTools Suite, containing @Risk, PrecisionTree, BestFit, TopRank and RiskView. This software is expressly provided for student use and requires student authorization to unlock the software for its full one year license. Professional customers may use the software for 30 days at which point they must contact Palisade Corporation for a professional version should they wish to continue using the software.

Simulation Modeling Using @Risk Wayne L. Winston 1996

Encyclopedia of Library and Information Science Allen Kent 1978-06-01 "The Encyclopedia of Library and Information Science provides an outstanding resource in 33 published volumes with 2 helpful indexes. This thorough reference set--written by 1300 eminent, international experts--offers librarians, information/computer scientists, bibliographers, documentalists, systems analysts, and students, convenient access to the techniques and tools of both library and information science. Impeccably researched, cross referenced, alphabetized by subject, and generously illustrated, the Encyclopedia of Library and Information Science integrates the essential theoretical and practical information accumulating in this rapidly growing field."

Instructor's Manual to Accompany Quantitative Methods for Business Decisions Lawrence L. Lapin 1994

Quantitative Methods for Business David Ray Anderson 2001

Driving Innovation and Productivity Through Sustainable Automation Amini, Ardavan 2021-02-26 Industry 4.0 and the subsequent automation and digitalization of processes, including the tighter integration of machine-machine and human-machine intercommunication and collaboration, is adding additional complexity to future systems design and the capability to simulate, optimize, and adapt. Current solutions lack the ability to capture knowledge, techniques, and methods to create a sustainable and intelligent nerve system for enterprise systems. With the ability to innovate new designs and solutions, as well as automate processes and decision-making capabilities with heterogeneous and holistic views of current and future challenges, there can be an increase in productivity and efficiency through sustainable automation. Therefore, better understandings of the underpinning knowledge and expertise of sustainable automation that can create a sustainable cycle that drives optimal automation and innovation in the field is needed Driving Innovation and Productivity Through Sustainable Automation enhances the understanding and the knowledge for the new ecosystems emerging in the Fourth Industrial Revolution. The chapters provide the knowledge and understanding of current challenges and new capabilities and solutions having been researched, developed, and applied within the industry to drive sustainable automation for innovation and productivity. This book is ideally intended for managers, executives, IT specialists, practitioners, stakeholders, researchers, academicians, and students who are interested in the current research on sustainable automation.

Market Research in Practice Matthew Harrison 2016-03-03 Market research has never been more important. As organizations become increasingly sophisticated, the need to profile customers, deliver customer satisfaction, target certain audiences, develop their brands, optimize prices and more has grown. Lively and accessible, Market Research in Practice is a practical introduction to market research tools, approaches and issues. Providing a clear, step-by-step guide to the whole process - from planning and executing a project through to analyzing and presenting the findings - it explains how to use tools and methods effectively to obtain reliable results. This fully updated third edition of Market Research in Practice has been revised to reflect the most recent trends in the industry. Ten new chapters cover topical issues such as ethics in market research and qualitative and quantitative research, plus key concepts such as international research, how to design and scope a survey, how to create a questionnaire, how to choose a sample and how to carry out interviews are covered in detail. Tips, and advice from the authors' own extensive experiences are included throughout to ground the concepts in business reality. Accompanied by a range of online tools, templates, surveys and guides, this is an invaluable guide for students of research methods, researchers, marketers and users of market research. Online resources include a range of tools, templates, surveys and guides.

Journal of Education Culture and Society 2016_2 2016-09-10 International scientific journal

The Economist Numbers Guide (6th Ed) The Economist 2014-01-28 The Economist Numbers Guide is invaluable for everyone who has to work with numbers, which in today's commercially focused world means most managers. In addition to general advice on basic numeracy, the guide points out common errors and explains the recognized techniques for solving financial problems, analyzing information of any kind, forecasting and effective decision making. Over 100 charts, graphs, tables and feature boxes highlight key points, and great emphasis is put on the all-important aspect of how you present and communicate numerical information effectively and honestly. At the back of the book is an extensive A-Z dictionary of terms covering everything from amortization to zero-sum game. Whatever your business, whatever your management role, for anyone who needs a good head for figures The Economist Numbers Guide will help you achieve your goals.

Fuzzy Systems and Data Mining IV A. Tallón-Ballesteros 2018-11-06 Big Data Analytics is on the rise in the last years of the current decade. Data are overwhelming the computation capacity of high performance servers. Cloud, grid, edge and fog computing are a few examples of the current hype. Computational Intelligence offers two faces to deal with the development of models: on the one hand, the crisp approach, which considers for every variable an exact value and, on the other hand, the fuzzy focus, which copes with values between two boundaries. This book presents 114 papers from the 4th International Conference on Fuzzy Systems and Data Mining (FSDM 2018), held in Bangkok, Thailand, from 16 to 19 November 2018. All papers were carefully reviewed by program committee members, who took into consideration the breadth and depth of the research topics that fall within the scope of FSDM. The acceptance rate was 32.85%. Offering a state-of-the-art overview of fuzzy systems and data mining, the publication will be of interest to all those whose work involves data science.

Quantitative Methods Jon Curwin 2004 Written specifically to support shorter courses in statistics and quantitative methods, this book provides revision for basic mathematical numerical skills, examines some simple statistical techniques, and introduces some basic quantitative modelling techniques.

Quantitative Methods Les Oakshott 2014-06-24 Offering a student-friendly introduction to quantitative methods, this text covers all of the need to know basics in a clear and engaging manner. Quantitative Methods is an ideal text for students of all levels coming to the subject for first time.

Investing in Water Quality Clifford S. Russell 2001

Books in Print 1995

Accounting Recordkeeping Practices In Smes In Somalia Ahmed Mohamoud ALI 2020-02-28

Wiley CMAexcel Learning System Exam Review 2017: Part 2, Financial Decision Making (1-year access) IMA 2016-12-07

Quantitative Methods for Business Decisions Jon Curwin 2013-01-21 Provides students with all the tools they need to pass the typical Quantitative Methods course. This title includes chapters that focus on a selection of statistical techniques, illustrated with examples from across business, marketing, economics, finance, and public administration, that may appeal to students across the business spectrum.

Business Analytics: Data Analysis & Decision Making S. Christian Albright 2016-03-31 Master data analysis, modeling, and spreadsheet use with BUSINESS ANALYTICS: DATA ANALYSIS AND DECISION MAKING, 6E! Popular with students, instructors, and practitioners, this quantitative methods text delivers the tools to succeed with its proven teach-by-example approach, user-friendly writing style, and complete Excel 2016 integration. It is also compatible with Excel 2013, 2010, and 2007. Completely rewritten, Chapter 17, Data Mining, and Chapter 18, Importing Data into Excel, include increased emphasis on the tools commonly included under the Business Analytics umbrella -- including Microsoft Excel's "Power BI" suite. In addition, up-to-date problem sets and cases provide realistic examples to show the relevance of the material. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Quantitative Methods for Business David R. Anderson 2015-01-15 Written with the non-mathematician in mind, QUANTITATIVE METHODS FOR BUSINESS, 13E by award-winning authors Anderson, Sweeney, Williams, Camm, Cochran, Fry, and Ohlmann equips your students with a strong conceptual understanding of the critical role that quantitative methods play in today's decision-making process. This applications-oriented text clearly introduces current quantitative methods, how they work, and how savvy decision makers can most effectively apply and interpret data. A strong managerial orientation motivates learning by weaving relevant, real-world examples throughout. The authors' hallmark Problem-Scenario Approach helps readers understand and apply mathematical concepts and techniques. The 13th Edition includes a more holistic description of how variable activity times affect the probability of a project meeting a deadline. In addition, numerous all-new Q.M. in Action vignettes, homework problems, and end-of-chapter cases are included. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Business Statistics Ken Black 2009-12-02 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.uk/college/wileyplus.

Essentials of Statistics for Business and Economics David R. Anderson 2017-03-14 Trust the market-leading ESSENTIALS OF STATISTICS FOR BUSINESS AND ECONOMICS, 8E to introduce sound statistical methodology using real-world examples, proven approaches, and hands-on exercises that build the foundation readers need to analyze and solve business problems quantitatively. This edition gives readers the foundation in statistics needed for an edge in today's competitive business world. The authors' signature problem-scenario approach and reader-friendly writing style combines with proven methodologies, hands-on exercises, and real examples to take readers deep into today's actual business problems. Readers learn how to solve problems from an intelligent, quantitative perspective. Streamlined to focus on core topics, this new edition provides the latest updates with new case problems, applications, and self-test exercises to help readers master key formulas and apply statistical methods as they learn them. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Management of Off-Highway Plant and Equipment D.J. Edwards 2003-09-02 Management of Off-highway Plant and Equipment provides a working knowledge of plant management for today's engineers, managers and students, and explains concisely and clearly the factors to be considered during investment in, and management of, construction equipment. It compares the cost of leasing with those of purchase, discusses ways of achieving optimum economic usage of plant, and covers issues of health and safety, licensing and the logistics of maintenance.

Quantitative Methods for Management Decisions William P. Cooke 1985

Quantitative Methods for Business Decisions Jon Curwin 2013 This established and popular text is regarded as one of the clearest and most comprehensive in its field. David Eadson has joined Jon Curwin and Roger Slater in the author team, and together they have sought to offer a more compact book with all the qualities of the previous six editions, whilst strengthening the links to online support materials. The new edition has been enhanced to reflect the latest

learning plans and techniques, providing students with all the tools they need to pass the typical Quantitative Methods course. Each chapter focuses on a selection of statistical techniques, illustrated with examples from across business, marketing, economics, finance, and public administration, to appeal to students across the business spectrum. Whilst all core material is covered in the book itself, the online offering has been bolstered to include Parts 6-8 covering 'Modelling', 'Mathematical Topics' and 'Student Guides' respectively, in addition to a wide range of other resources including datasets and extra learning tools. Visual signposts throughout the text guide the student to the online platform to provide a seamless interaction between the two this providing a multi-faceted learning experience. The wide-ranging coverage provided makes this the ideal text for the teaching of quantitative methods across all business disciplines at undergraduate, MBA, and post-experience levels.

Sport Management in the Middle East Mohammed Ben Sulayem 2013-04-12 The Middle East is one of the fastest growing and significant markets in world sport, as well as a powerful source of investment in sport. Bids for the Olympics in 2020 and the soccer World Cup in 2022, as well as remarkable investments in Formula One motor racing, horse racing and English Premier League soccer clubs, demonstrate the strength of interest, the depth of resource and the technical expertise maintained by sport business interests in the region. Sport Management in the Middle East is the first book to offer a serious and in-depth analysis of the business and management of sport in the region. Written by a team of world leading researchers in Middle Eastern sport, and illustrated in full colour throughout, the book examines the importance of sport in the Middle East and introduces its particular management processes, structures and cultures. As well as providing an overview of the region's sporting strategy and key stakeholders, the book also offers a number of detailed case-studies of sport in individual Middle Eastern countries. A unique guide to sport management in a region of fundamental importance in world sport, this book is essential reading for any serious student or scholar of sport management, sport business, Middle East studies, or sport and society.

Modern Construction Management Prof. Frank Harris 2013-02-28 This new edition of a core undergraduate textbook for construction managers reflects current best practice, topical industry preoccupations and latest developments in courses and fundamentals subjects for students. While the construction process still requires traditional skills, changes over recent decades today demand improved understanding of modern business, production and contractual practices. The authors have responded accordingly and the ebook has undergone a thorough re-write, eliminating some of the older material and adding new processes now considered essential to achieving lean construction. Particular emphasis is given, foremost, to supply chains and networks, value and risk management, BIM, ICT, project arrangements, corporate social responsibility, training, health and welfare and environmental sustainability. Modern Construction Management presents construction as socially responsible, innovative, carbon-reducing, manager-involved, people-orientated, crisis-free industry that is efficient and cost effective. The overall themes for the Seventh Edition are: Drivers for efficiency: lean construction underpinning production management and off-site production methods. Sustainability: reflecting the transition to a low carbon economy. Corporate Social Responsibility: embracing health & safety, modernistic contracts, effective procurement, and employment issues. Building Information Management: directed towards the improvement of construction management systems. The comprehensive selection of worked examples, based on real and practical situations in construction management and methods will help to consolidate learning. A companion website at <http://www.wiley.com/go/MCM7> offers invaluable support material for both tutors and students: Solutions to the self-learning exercises PowerPoint slides with discussion topics Journal and web references Structured to reflect site, business and corporate responsibilities of managers in construction, the book continues to provide strong coverage of the salient elements required for developing and equipping the modern construction manager with the competencies and skills for both technical and business related areas.

Mathematical Modelling J. Caldwell 2006-04-10 Over the past decade there has been an increasing demand for suitable material in the area of mathematical modelling as applied to science, engineering, business and management. Recent developments in computer technology and related software have provided the necessary tools of increasing power and sophistication which have significant implications for the use and role of mathematical modelling in the above disciplines. In the past, traditional methods have relied heavily on expensive experimentation and the building of scaled models, but now a more flexible and cost effective approach is available through greater use of mathematical modelling and computer simulation. In particular, developments in computer algebra, symbolic manipulation packages and user friendly software packages for large scale problems, all have important implications in both the teaching of mathematical modelling and, more importantly, its use in the solution of real world problems. Many textbooks have been published which cover the art and techniques of modelling as well as specific mathematical modelling techniques in specialist areas within science and business. In most of these books the mathematical material tends to be rather tailor made to fit in with a one or two semester course for teaching students at the undergraduate or postgraduate level, usually the former. This textbook is quite different in that it is intended to build on and enhance students' modelling skills using a combination of case studies and projects.

Quantitative Methods for Management with Decision Support Software (DSS) Mark Atchison 1998

Quantitative Methods for Business (Book Only) David R. Anderson 2012-02-15 Develop a strong conceptual understanding of the role that quantitative methods play in today's decision-making process. Written for the non-mathematician, this applications-oriented text introduces today's many quantitative methods, how they work, and how decision makers can most effectively apply and interpret data. A strong managerial orientation motivates while actual examples illustrate situations where quantitative methods make a difference in decision making. A strong Problem-Scenario Approach helps you understand and apply mathematical concepts. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Advanced Perspectives on Global Industry Transitions and Business Opportunities Saruchera, Fanny 2021-03-18 As more companies shift their operations between countries to take advantage of lower costs and greater profit, the global market continues to change rapidly, resulting in global hypercompetition that can be detrimental to a business. Firms must remain updated with the latest research as they navigate cultural differences, communication challenges, and inconsistent standards in order to thrive. Advanced Perspectives on Global Industry Transitions and Business Opportunities is an essential, comprehensive reference book that explores the current global business environment and the challenges that have arisen due to contemporary globalization and the resulting global hypercompetition. With a broad scope, the book covers the implications of industry transitions from small and medium-sized companies to multinational businesses and large enterprises and discusses opportunities for both born global and born-again global firms. Featuring topics that deal with innovation, digitalization, disruptive technologies, and international collaboration, this is an ideal source for executives, managers, entrepreneurs, global businesses and businesses looking to transition to the global market, academicians, researchers, and students.

Market Research in Practice Paul Hague 2021-11-03 Learn the fundamentals of market research with this bestselling guide that delivers an overview of the whole process, from planning a project and executing it, what tools to use, through to analysis and presenting the findings. Market Research in Practice provides a practical and robust introduction to the subject, providing a clear step-by-step guide to managing market research and how to effectively to obtain the most reliable results. Written by an industry expert with over 35 years' practical experience in running a successful market research agency, tips and advice are included throughout to ground the concepts in business reality. This text also benefits from real-world examples from companies including Adidas, Marks & Spencer, Grohe and General Motors. Now in its fourth edition, Market Research in Practice is now fully updated to capture the latest changes and developments in the field and explores new tools of qualitative research using online methods as well as expanding further on online surveys such as SurveyMonkey. Accompanied by a range of templates, surveys and resources for lecturers, this is an invaluable guide for students of research methods, researchers, marketers and users of market research.

Business for Foundation Degrees and Higher Awards Robert Dransfield 2004 Business for Foundation Degrees and Higher Awards gives students the underpinning knowledge they need to succeed in one volume. A core textbook covering the first two years of a degree programme written for the Foundation Degree and the Higher National Diploma.

Research Methods For Business Uma Sekaran 2016-06-27 Research Methods for Business: A Skill-Building Approach is a concise and straightforward introduction for students to the world of business research. The skill-building approach provides students with practical perspectives on how research can be applied in real business situations. Maintaining Uma Sekaran's popular and accessible style of writing, Roger Bougie draws upon his extensive experience in the field to present an up-to-date guide on business research which is ideal for aspiring managers. The seventh edition has been fully revised and updated to include cutting-edge examples and enriched pedagogical features designed to improve student learning outcomes. There is now an increased emphasis on the relationship between the scientific and the pragmatic approaches to research, while the key concepts are explored and applied to real-life research throughout the book.

Quantitative Methods for Business Decisions Lawrence L. Lapin 1994 Intended for the algebra-based introductory management science or quantitative methods survey course found in schools of business at four-year schools taken at the junior or senior level. (Statistics prerequisite.) This book features a strong emphasis on decision making.

Quantitative Methods for Decision Makers Mik Wisniewski 2014-05-22 Quantitative Methods for Decision Makers covers everything you need to know for an introductory quantitative methods course. Relating techniques directly to real-life business decisions in private and public sector organisations, it is particularly well-suited to MBA students who will be applying quantitative methods in day-to-day managerial decision-making.

Business Research 2004

Essential Quantitative Methods Les Oakshott 2020-01-25 This well-loved textbook covers all of the key quantitative methods needed to solve everyday business problems. Presented in a highly accessible and concise manner, Les Oakshott's clear and friendly writing style guides students from basic statistics through to advanced topics, such as hypothesis testing and time series, as well as operational research techniques such as linear programming and inventory management. Step-by-step instructions and accompanying activities will help students to practice and gain confidence in carrying out techniques. The book's coverage is fully grounded within the real world of business. Real-life case studies open every chapter and numerous examples throughout demonstrate why quantitative techniques are needed for a business to be successful. An ideal textbook for undergraduate students of business, management and finance, it is also suitable for MBA students and postgraduates. Accompanying online resources for this title can be found at bloomsburyonlineresources.com/essential-quantitative-methods-7e. These resources are designed to support teaching and learning when using this textbook and are available at no extra cost.

JAYASWAL Bijay K. Jayaswal 2007-03-01 This is the eBook version of the printed book. The Analytic Hierarchy Process (AHP) is an advanced technique that supports decision makers in structuring complex decisions, quantifying intangible factors, and evaluating choices in multiobjective decision situations. It is a comprehensive and rational decision-making framework that provides a powerful methodology for determining relative worth among a set of elements. AHP is especially suitable for complex decisions that involve the comparison of decision elements which are difficult to quantify. The AHP, and its more recent version the Analytic Network Process (ANP), were developed by Dr. Thomas Saaty and have been applied in a wide variety of decision situations in organizations worldwide. AHP is particularly applicable in managing software complexity, and in Quality Function Deployment (QFD), as presented in Chapter 11 of the book Design for Trustworthy Software. This short cut illustrates the application of AHP in prioritizing complex design issues. It also shows how AHP and its supporting software, Expert Choice (EC), can handle much higher levels of complexities accurately and expeditiously than the prioritization matrices introduced in Chapter 7 of Design for Trustworthy Software. In addition to solutions facilitated by EC, this short cut also illustrates two known approximations to AHP solutions using manual calculations. Manual calculations can be used to solve relatively less complex problems. They are presented in this short cut to illustrate the first principles and the steps involved in AHP. This short cut is a reproduction of Chapter 8 of the book Design for Trustworthy Software and introduces AHP with a simple example. It can be used either as a methodology in trustworthy software design process or as a standalone introductory presentation on AHP. This short cut should be of interest to software and quality professionals. In particular, it would be of value to the CMMI, Six Sigma, and DFSS communities worldwide, especially those who have acquired or plan to acquire Green Belt, Black Belt, Master Black Belt, or similar competencies in various quality management disciplines. It should also be a useful resource for students and academicians of various programs at senior undergraduate and graduate levels, and for those preparing for ASQ's Certified Software Quality Engineer (CSQE) examination. What This Short Cut Covers 3 Introduction 4 Prioritization, Complexity, and the Analytic Hierarchy Process 4 Multiobjective Decision-Making and AHP 5 Case Study 1 Solution Using Expert Choice 12 Approximations to AHP with Manual Calculations 22 Conclusion 33 Key Points 33 Additional Resources 34 Internet Exercises 34 Review Questions 34 Discussion Questions and Projects 35 Problems 36 Endnotes 45 What's in the Book Design for Trustworthy Software 47 About the Authors 52 The Design for Trustworthy Software Digital Short Cut Compilation 53

Tools for Decision Making David N. Ammons 2021-09-09 This book guides readers to the mastery of a wide array of practical analytic techniques useful to local governments. Written in an easy-to-read style with an emphasis on providing practical assistance to students, local government practitioners, and others interested in local government performance, this updated third edition features analytic methods selected for their relevance to everyday problems encountered in city and county governments. The authors outline a variety of practical techniques including the simplest that the fields of management, public administration, policy analysis, and industrial engineering have to offer. Each analytic technique is introduced in the context of a fictitious case presented over a few pages at the beginning of that technique's chapter. Contents include demand analysis, work distribution analysis, process flow-charting, inflation adjustments, annualizing capital costs, staffing analysis, identifying full costs of a program or service, present value analysis, life-cycle costing, lease/buy analysis, cost-effectiveness analysis, benchmarking analysis, and more. This updated third edition features a dramatic expansion of Excel-based applications, plus templates and exercises accompanying many of the chapters and available online. New chapters prepare readers to: • use statistical tests to identify significant differences in performance averages; • construct Pareto charts; • develop cause-and-effect diagrams; • prepare control charts; • detect possible discrimination in hiring and appointment practices; and • present analytic evidence more effectively. This book is an essential resource for students and instructors of public administration courses on analysis, methods, evaluation, productivity improvement, and service delivery. Online resources for this book, including Excel templates, are available at <https://toolsforddecisionmaking.sog.unc.edu>