

Of Quantitative Techniques In Management N D Vohra Tata Mcgraw Hill

Quantitative Methods for Business has been thoroughly revised and updated for this 5th edition, and continues to provide a simple and practical introduction to an area that students can find difficult. The book takes a non-threatening approach to the subject, avoiding excessive mathematics and abstract theory. It shows how to apply quantitative ideas to the real problems faced by managers. The book includes numerous exercises and examples that help students understand the relevance of quantitative ideas to business. Assuming no previous knowledge, the text provides complete coverage for a first course in quantitative methods.

This book has been developed with a focus on the need to demystify the subject and make it easy for students to grasp the principles and details involved, and make it easily understandable to beginners exposed to the subject for the first time. An attempt has been made to explain things in a logical progression, in the simplest possible way so that neophytes may quickly grasp the concepts and methodology. A novel approach in the book is the illustrative use of computers with TORA package, as a problem-solving tool. In actual practice, situations arise with large and complex problems that are difficult to solve. At such times, using computers to solve problems gives fast and more accurate results. The chapters are arranged so as to progressively explain the workings of various models in actual practice through step-by-step procedures that so simplify and solve them, that even students from a non-mathematics academic background will grasp them quickly. Linear programming, the most

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powerful tool for managerial decision-making is covered elaborately, including thorough discussion of various LP methods and LP solutions, Duality in LP problems, sensitivity analysis, etc. Models in the book also use Linear Programming to reach solutions including those relating to transportation and transshipment, assignment, and Game Theory&illustrated with screen-shots of a computer with a TORA package. Readers whether students, business executives, managers, researchers and academicians will find that the insights and knowledge obtained from the book will stand them in good stead in both academic as well as occupational pursuits.

The tools of Quantitative Techniques are essential for every Commerce and Management student of the modern business world. This book is designed according to the syllabus of MBA/PGDBA course students.

This Book Is Designed To Serve As A Text For Management, Economics, Accountancy (Chartered And Cost Accountancy), And Commerce Students. The Book Covers Concepts, Illustrations And Problems In Statistics And Operations Research. Part I Deals With Statistical Techniques For Decision Making. Part Ii Studies Various Operations Research Techniques For Managerial Decisions.The Book Contains Illustrations And Problems, Drawn Extensively From Various Functional Areas Of Management, Viz., Production, Finance, Marketing And Personnel, Which Are Designed To Understand Real Life Decision Making Situations. In Order To Make The Book Self-Contained, All Relevant Mathematical Concepts And Their Applications Have Been Included. To Enhance The Understanding Of The Subject Matter By The Students Belonging To Different Disciplines, The Approach Adopted In This Book, Both In Statistics And Operations Research, Is Conceptual Rather Than Mathematical. Hence

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Complicated Mathematical Proofs Have Been Avoided. This Book Would Be An Ideal Reference To Executives, Computer Professionals, Industrial Engineers, Economic Planners And Social Scientists. The Other Books By The Same Authors Are: Operations Research For Management And Business Statistics.

For courses in Management Science or Decision Modeling A solid foundation in quantitative methods and management science This popular text gives students a genuine foundation in business analytics, quantitative methods, and management science—and how to apply the concepts and techniques in the real world—through a strong emphasis on model building, computer applications, and examples. The authors' approach presents mathematical models, with all of the necessary assumptions, in clear, plain English, and then applies the ensuing solution procedures to example problems along with step-by-step, how-to instructions. In instances in which the mathematical computations are intricate, the details are presented in a manner that ensures flexibility, allowing instructors to omit these sections without interrupting the flow of the material. The use of computer software enables the instructor to focus on the managerial problem and spend less time on the details of the algorithms. Computer output is provided for many examples throughout the text. Teaching and Learning Experience This text provides a solid foundation in quantitative methods and management science. Here's how: Students see clearly how concepts and techniques are used in real organizations. Outstanding in-text features provide reinforcement and

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ensure understanding. The text's use of software allows instructors to focus on the managerial problem, while spending less time on the mathematical details of the algorithms.

Thoroughly revised and updated for Excel®, this second edition of Quantitative Methods in Health Care Management offers a comprehensive introduction to quantitative methods and techniques for the student or new administrator. Its broad range of practical methods and analysis spans operational, tactical, and strategic decisions. Users will find techniques for forecasting, decision-making, facility location, facility layout, reengineering, staffing, scheduling, productivity, resource allocation, supply chain and inventory management, quality control, project management, queuing models for capacity, and simulation. The book's step-by-step approach, use of Excel, and downloadable Excel templates make the text highly practical. Praise for the Second Edition "The second edition of Dr. Ozcan's textbook is comprehensive and well-written with useful illustrative examples that give students and health care professionals a perfect toolkit for quantitative decision making in health care on the road for the twenty-first century. The text helps to explain the complex health care management problems and offer support for decision makers in this field." —Marion Rauner, associate professor, School of Business, Economics, and Statistics, University of Vienna. "Quantitative Methods in Health Care Administration, Second Edition covers a broad set of necessary and important topics. It is a valuable text that is easy to teach and

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learn from." —David Belson, professor, Department of Industrial Engineering, Viterbi School of Engineering, University of Southern California.

Quantitative Techniques for Management Excel Books India

Quantitative Techniques for Managerial Decisions is an introductory text for both undergraduate and postgraduate courses on Quantitative Methods, Operations Research, Management, Science and similar courses. This book helps an understanding of model build

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

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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. This book is especially relevant to undergraduates, postgraduates and researchers studying quantitative techniques as part of business, management and finance. It is an interdisciplinary book that covers all major topics involved at the interface between

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business and management on the one hand and mathematics and statistics on the other. Managers and others in industry and commerce who wish to obtain a working knowledge of quantitative techniques will also find this book useful.

Quantitative Methods for Business and Management Students takes you on a journey though the techniques required to succeed in business and management. With a user-friendly and accessible writing style, John Buglear presents these techniques simply and provides numerous examples to enable you to relate the theory to real-life applications.

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.

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Designed especially for quantitative business analysis (QBA), this book covers a broad field of quantitative methods and applications to managerial decision making. It provides a survey of modern management techniques such as probability concepts, forecasting, linear programming and model formulation, post-optimality analysis and utility theory. Extensive treatment of computer techniques is integrated into the text, including illustrations of both mainframe and microcomputer uses and up-to-date coverage of recent popular software packages. Techniques such as simplex or branch are repeatedly demonstrated with numerical examples so that the reader's comprehension is continually reinforced.

Quantitative techniques are fundamental to the correct interpretation of commercial reality, and can aid practical business decision making and problem solving. The fifth edition of Essential Quantitative Methods has been updated to suit the changing needs and environment of the contemporary student. It offers revised coverage of associated software, new case studies and expanded student material, yet retains its concise accessible approach, building on its established position as a core text on quantitative methods modules. New to this edition:

- New case studies have been added, and others revised and updated.
- SPSS and Excel techniques have been thoroughly updated in line with new software releases.
- 'Did you know?' features provide

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additional information on related topics. • Expanded 'Key Points' sections at the end of each chapter reinforce learning. • Extended 'Further Reading' materials, a summarized bibliography and new advice on web searches and online source materials, offer added guidance. Essential Quantitative Methods is ideal for undergraduate and MBA students studying Quantitative Methods, Statistics and Managing Data.

Quantitative Methods for the Project Manager is for professional project managers who need to know how to make everyday use of numerical analysis. It combines theory and practices and is designed to be easily applied.

Quantitative Methods for Business: The A-Z of QM will enable readers to:

- * Appreciate the significance of quantitative methods for businesses and the study of business
- * Understand and apply a wide range of quantitative techniques
- * Select appropriate quantitative techniques for data analysis, problem solving and decision making
- * Interpret and communicate the results of quantitative analysis

* The writing style of the text is clear and easy-to-read and follow * Each chapter includes guidance on using Excel, Minitab and SPSS to produce the analysis described and provides worked examples and review questions. * Model solutions are provided throughout with further solutions available on a website to accompany the book.

Appealing both to students on introductory courses for quantitative methods and MBA and post-experience students, this respected text provides an accessible, practical introduction to an area that students often find difficult. Concentrating on

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helping students to understand the relevance of quantitative methods of analysis to managers' decision-making, it focuses on the development of appropriate skills and understanding of how the techniques fit into the wider management process. This book provides a strong foundation in Quantitative Methods for management students who come from different disciplines. It has been designed according to the latest syllabi of the Bharathiar University and Anna University. The book is prepared with utmost care and rules out the necessity of referring any other book as it is self-contained. This book will surely prove to be a good reference book for both the students and teachers.

Quantitative Analysis for Management, 12e, is a textbook aimed at helping undergraduate and graduate students develop an in-depth understanding of business analytics, quantitative methods, and management science. To enable students connect how the techniques presented in this book apply in the real world, computer-based applications and examples are a major focus of this edition. Mathematical models, with all the necessary assumptions, are presented in a clear and jargon-free language. The solution procedures are then applied to example problems alongside step-by-step how-to" instructions."

This book is specially designed for a course in Quantitative Techniques taught to MBA students. It provides the students with a thorough introduction to basic

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quantitative tools required to perform analytical evaluations and arrive at logical decisions. The second edition of the book essentially retains the flavour of the first edition. Concepts have been explained in an easy to understand language and emphasis is on practical applications rather than rigorous mathematical treatment. As far as possible, detailed proofs and axioms associated with pure mathematics have been avoided. The text in the second edition has been suitably modified for giving better clarity. Nearly fifty solved examples have been added to various chapters to enable students to understand the nuances of problem solving. Fifty unsolved problems have also been added to give ample scope to the student for practice. The book also includes chapters on transportation models, assignment models and network analysis. **KEY FEATURES :** Learning objectives at the beginning of each chapter enable students to focus on important points of a chapter. Case studies and real life problems to connect students to the real-world situations. Worked examples to enhance student comprehension of the subject. Numerous well-balanced chapter-end exercises with answers to help students attain confidence and master the concepts. Illustrations on solutions to problems with the help of computer software. Summary at the end of each chapter to help students review the key concepts.

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