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An Introduction to Statistical Methods

Sultan Chand & Sons present the 38th Revised and
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Enlarged Edition of the book entitled “Elements of Mercantile Law”. This book is specially written for B. Com, M. Com, CA, CS, CMA, MBA, LLB and Other Commerce Courses of all Indian Universities. The book is divided into three Volumes. Volume I is Law of Contract, Volume II is Company Law and Volume III is Industrial Law The salient features of the present edition are as follows: A new chapter on ‘Goods and Services Tax (GST)’ has been included in this edition. In order to bring uniformity in Tax rates and to simplify the tax mechanism, Central Government rolled out Goods and Services Tax (GST) from 1st July, 2017. The Insolvency and Bankruptcy Code, 2016’ is the Bankruptcy Law of India has been added. A chapter on ‘Limited Liability Partnership’ popularly known as LLP has been added in the present edition. LLP combines the advantage of both the Company and Partnership into a single form of organization. Volume II of the book on Company Law with Schedules has been thoroughly updated and amended upto 2019.

Statistical Methods

Statistic (Deep)

Statistical Methods for Survival Data Analysis

Statistics is a mathematical science pertaining to the collection, analysis, interpretation or explanation, and presentation of data. This book covers the subject as per the requirement at the UG level, supporting each

topic with good number of examples and exercise problems.

Civil Engineering

Measurement error models describe functional relationships among variables observed, subject to random errors of measurement. Examples include linear and nonlinear errors-in-variables regression models, calibration and inverse regression models, factor analysis models, latent structure models, and simultaneous equations models. Such models are used in a wide variety of areas, including medicine, the life sciences, econometrics, chemometrics, geology, sample surveys, and time series. Although the problem of estimating the parameters of such models exists in most scientific fields, there is a need for more sources that treat measurement error models as an area of statistical methodology. This volume is designed to address that need. This book contains the proceedings of an AMS-IMS-SIAM Joint Summer Research Conference in the Mathematical Sciences on Statistical Analysis of Measurement Error Models and Applications. The conference was held at Humboldt State University in Arcata, California in June 1989. The papers in this volume fall into four broad groups. The first group treats general aspects of the measurement problem and features a discussion of the history of measurement error models. The second group focuses on inference for the nonlinear measurement error model, an active area of research which generated considerable interest at the conference. The third group of papers examines

computational aspects of estimation, while the final set studies estimators possessing robustness properties against deviations from common model assumptions.

Statistical Methods in Social Science Research

This Book Is Intended To Be A Text For Either A First Or A Second Course In Numerical Methods For Students In All Engineering Disciplines. Difficult Concepts, Which Usually Pose Problems To Students Are Explained In Detail And Illustrated With Solved Examples. Enough Elementary Material That Could Be Covered In The First-Level Course Is Included, For Example, Methods For Solving Linear And Nonlinear Algebraic Equations, Interpolation, Differentiation, Integration, And Simple Techniques For Integrating Odes And Pdes (Ordinary And Partial Differential Equations). Advanced Techniques And Concepts That Could Form Part Of A Second-Level Course Include gears Method For Solving Ode-Ivps (Initial Value Problems), Stiffness Of Ode- Ivps, Multiplicity Of Solutions, Convergence Characteristics, The Orthogonal Collocation Method For Solving Ode-Bvps (Boundary Value Problems) And Finite Element Techniques. An Extensive Set Of Graded Problems, Often With Hints, Has Been Included. Some Involve Simple Applications Of The Concepts And Can Be Solved Using A Calculator, While Several Are From Real-Life Situations And Require Writing Computer Programs Or Use Of Library Subroutines. Practice On These Is Expected To Build Up The Reader'S

Confidence In Developing Large Computer Codes.

Operations Research

Information and Communication Technology for Intelligent Systems

Functions of survival time; Examples of survival data analysis; Nonparametric methods of estimating survival functions; Nonparametric methods for comparing survival distributions; Some well-known survival distributions and their applications; Graphical methods for survival distribution fitting and goodness-of-fit tests; Analytical estimation procedures for survival distributions; Parametric methods for comparing two survival distribution; Identification of prognostic factors related to survival time; Identification of risk factors related to dichotomous data; Planning and design of clinical trials (I); Planning and design of clinicL trials(II).

Elements of Indian Art

Business Statistics

Keeping in pace with the changing accounting practices, this revised edition of Advanced Accounts - Volume II provides a contemporary and comprehensive presentation of accounting concepts and applications.

Statistical Methods for Engineering and Sciences

Stat Labs

Recently there has been a keen interest in the statistical analysis of change point detection and estimation. Mainly, it is because change point problems can be encountered in many disciplines such as economics, finance, medicine, psychology, geology, literature, etc. , and even in our daily lives. From the statistical point of view, a change point is a place or time point such that the observations follow one distribution up to that point and follow another distribution after that point. Multiple change points problem can also be defined similarly. So the change point(s) problem is two fold: one is to decide if there is any change (often viewed as a hypothesis testing problem), another is to locate the change point when there is a change present (often viewed as an estimation problem). The earliest change point study can be traced back to the 1950s. During the following period of some forty years, numerous articles have been published in various journals and proceedings. Many of them cover the topic of single change point in the means of a sequence of independently normally distributed random variables. Another popularly covered topic is a change point in regression models such as linear regression and autoregression. The methods used are mainly likelihood ratio, nonparametric, and Bayesian. Few authors also considered the change point problem in other model

settings such as the gamma and exponential.

Business Law

Knowledge updating is a never-ending process and so should be the revision of an effective textbook. The book originally written fifty years ago has, during the intervening period, been revised and reprinted several times. The authors have, however, been thinking, for the last few years that the book needed not only a thorough revision but rather a substantial rewriting. They now take great pleasure in presenting to the readers the twelfth, thoroughly revised and enlarged, Golden Jubilee edition of the book. The subject-matter in the entire book has been re-written in the light of numerous criticisms and suggestions received from the users of the earlier editions in India and abroad. The basis of this revision has been the emergence of new literature on the subject, the constructive feedback from students and teaching fraternity, as well as those changes that have been made in the syllabi and/or the pattern of examination papers of numerous universities. Knowledge updating is a never-ending process and so should be the revision of an effective textbook. The book originally written fifty years ago has, during the intervening period, been revised and reprinted several times. The authors have, however, been thinking, for the last few years that the book needed not only a thorough revision but rather a substantial rewriting. They now take great pleasure in presenting to the readers the twelfth, thoroughly revised and enlarged, Golden Jubilee edition of the book. The subject-matter in the

entire book has been re-written in the light of numerous criticisms and suggestions received from the users of the earlier editions in India and abroad. The basis of this revision has been the emergence of new literature on the subject, the constructive feedback from students and teaching fraternity, as well as those changes that have been made in the syllabi and/or the pattern of examination papers of numerous universities. Knowledge updating is a never-ending process and so should be the revision of an effective textbook. The book originally written fifty years ago has, during the intervening period, been revised and reprinted several times. The authors have, however, been thinking, for the last few years that the book needed not only a thorough revision but rather a substantial rewriting. They now take great pleasure in presenting to the readers the twelfth, thoroughly revised and enlarged, Golden Jubilee edition of the book. The subject-matter in the entire book has been re-written in the light of numerous criticisms and suggestions received from the users of the earlier editions in India and abroad. The basis of this revision has been the emergence of new literature on the subject, the constructive feedback from students and teaching fraternity, as well as those changes that have been made in the syllabi and/or the pattern of examination papers of numerous universities. Some prominent additions are given below: 1. Variance of Degenerate Random Variable 2. Approximate Expression for Expectation and Variance 3. Lyapounov's Inequality 4. Holder's Inequality 5. Minkowski's Inequality 6. Double Expectation Rule or Double-E Rule and many others

An SPSS Guide for Tourism, Hospitality and Events Researchers

For B.Com., B.A., M.Com., M.A., MBA, ICWA, CA, etc. Solutions to the Statistics Text. This is carefully revised and thoroughly rechecked, steps into the second edition. All the errors in the first edition have been rectified. The problems selected have been rechecked.

Business Statistics

The Work Studies Basic Principles Of Ancient Indian Art And Architecture. It Deals With Hindu Thinking And Practice Of Art Including The Hindu View Of Godhead, Iconography And Iconometry And Symbols And Symbolism In Hindu Art. It Surveys Indian Art And Temple Architecture From The Ancient Times And Makes Comparative Studies Of Religious Art In India.

Statistical Analysis of Measurement Error Models and Applications

Elementary Statistical Methods

This edition has been thoroughly revised and enlarged. It is still considered to be a must for all those sitting Civil Engineering examinations.

Fundamentals of Mathematical Statistics

Fundamentals of Applied Statistics

The present book is meant for the first-year students of various universities. Engineering educationists feel that first-year students of all disciplines must have an elementary and general idea about various branches of electronics. Spread in sixteen chapters, the book broadly discusses.

Statistical Methods

Integrating the theory and practice of statistics through a series of case studies, each lab introduces a problem, provides some scientific background, suggests investigations for the data, and provides a summary of the theory used in each case. Aimed at upper-division students.

Quantitative Techniques

Statistical Analysis of Network Data

Statistics - An Introduction 2. Classification And Tabulation 3. Diagrammatic And Graphical Presentation 4. Measure Of Central Tendency 5. Measures Of Dispersion 6. Skewness, Moments And Kurtosis 7. Correlation 8. Regression Analysis 9. Analysis Of Time Series 10. Index Numbers

Practical Statistics

A well-balanced introduction to probability theory and

mathematical statistics Featuring updated material, An Introduction to Probability and Statistics, Third Edition remains a solid overview to probability theory and mathematical statistics. Divided into three parts, the Third Edition begins by presenting the fundamentals and foundations of probability. The second part addresses statistical inference, and the remaining chapters focus on special topics. An Introduction to Probability and Statistics, Third Edition includes: A new section on regression analysis to include multiple regression, logistic regression, and Poisson regression A reorganized chapter on large sample theory to emphasize the growing role of asymptotic statistics Additional topical coverage on bootstrapping, estimation procedures, and resampling Discussions on invariance, ancillary statistics, conjugate prior distributions, and invariant confidence intervals Over 550 problems and answers to most problems, as well as 350 worked out examples and 200 remarks Numerous figures to further illustrate examples and proofs throughout An Introduction to Probability and Statistics, Third Edition is an ideal reference and resource for scientists and engineers in the fields of statistics, mathematics, physics, industrial management, and engineering. The book is also an excellent text for upper-undergraduate and graduate-level students majoring in probability and statistics.

Advanced Accounts Volume-II, 19th Edition

Data Science Fundamentals and Practical Approaches

Business Statistics

Medical Emergencies In General Practice

Company Law by Dr. O.P. Gupta is a publication of the SBPD Publishing House, Agra. Dr. O.P. Gupta holds a M.Com., LL.B., Ex-F.C.S. and Ph.D. degree. He was a reader at the P.G.D.A.V. College (University of Delhi), New Delhi.

Statistical Methods

This book presents various recently developed and traditional statistical techniques, which are increasingly being applied in social science research. The social sciences cover diverse phenomena arising in society, the economy and the environment, some of which are too complex to allow concrete statements; some cannot be defined by direct observations or measurements; some are culture- (or region-) specific, while others are generic and common. Statistics, being a scientific method – as distinct from a ‘science’ related to any one type of phenomena – is used to make inductive inferences regarding various phenomena. The book addresses both qualitative and quantitative research (a combination of which is essential in social science research) and offers valuable supplementary reading

at an advanced level for researchers.

Comprehensive Statistical Methods

The book gathers papers addressing state-of-the-art research in all areas of Information and Communication Technologies and their applications in intelligent computing, cloud storage, data mining and software analysis. It presents the outcomes of the third International Conference on Information and Communication Technology for Intelligent Systems, which was held on April 6–7, 2018, in Ahmedabad, India. Divided into two volumes, the book discusses the fundamentals of various data analytics and algorithms, making it a valuable resource for researchers' future studies.

Numerical Methods for Engineers

The eBooks is authored by proficient Teachers and Professors. The Text of the eBooks is simple and lucid. The contents of the book have been organised carefully and to the point.

Research Methodology And Statistical Techniques

The author have used numerical examples as the means for presentation of the underlying ideas of different operations research techniques. Accordingly, a large number of comprehensive solved examples, taken from a variety of fields, have been added in every chapter and they

are followed by a set of unsolved problems with answers (and hints wherever required) through which readers can test their understanding of the subject matter. The book, in its present form, contains around 650 examples, 1,280 illustrative diagrams.

Statistical Methods

Learn how to process and analysis data using Python

KEY FEATURES - The book has theories explained elaborately along with Python code and corresponding output to support the theoretical explanations. The Python codes are provided with step-by-step comments to explain each instruction of the code. -

The book is not just dealing with the background mathematics alone or only the programs but beautifully correlates the background mathematics to the theory and then finally translating it into the programs. - A rich set of chapter-end exercises are provided, consisting of both short-answer questions and long-answer questions.

DESCRIPTION This book introduces the fundamental concepts of Data Science, which has proved to be a major game-changer in business solving problems. Topics covered in the book include fundamentals of Data Science, data preprocessing, data plotting and visualization, statistical data analysis, machine learning for data analysis, time-series analysis, deep learning for Data Science, social media analytics, business analytics, and Big Data analytics. The content of the book describes the fundamentals of each of the Data Science related topics together with illustrative examples as to how various data analysis techniques

can be implemented using different tools and libraries of Python programming language. Each chapter contains numerous examples and illustrative output to explain the important basic concepts. An appropriate number of questions is presented at the end of each chapter for self-assessing the conceptual understanding. The references presented at the end of every chapter will help the readers to explore more on a given topic. WHAT WILL YOU LEARN Perform processing on data for making it ready for visual plot and understand the pattern in data over time.

Understand what machine learning is and how learning can be incorporated into a program. Know how tools can be used to perform analysis on big data using python and other standard tools. Perform social media analytics, business analytics, and data analytics on any data of a company or organization.

WHO THIS BOOK IS FOR The book is for readers with basic programming and mathematical skills. The book is for any engineering graduates that wish to apply data science in their projects or wish to build a career in this direction. The book can be read by anyone who has an interest in data analysis and would like to explore more out of interest or to apply it to certain real-life problems. TABLE OF CONTENTS 1.

Fundamentals of Data Science 1 2. Data Preprocessing 3. Data Plotting and Visualization 4. Statistical Data Analysis 5. Machine Learning for Data Science 6. Time-Series Analysis 7. Deep Learning for Data Science 8. Social Media Analytics 9. Business Analytics 10. Big Data Analytics

Business Statistics

The Thirty-first Revised Edition of the book entitled “Company Law & Secretarial Practice” with Companies Act, 2013 (Schedules) for B.Com., B.Com. (Corporate Secretaryship), M.Com., IPCC, CS & LLB. The book is divided into two parts volume I Company Law contains 32 chapters and volume II Secretarial Practice contains 10 chapters having more than 270 Test Questions; 67 Practical Problems (with Hints and Solutions); 79 short Answer & Objective Type Question; 48 Multiple Choice, Presentation of Examples (10); Illustrative cases (12) etc., University Questions Papers have been added at the end of the book to give an idea about the pattern of questions asked.

Company Law

In recent years there has been an explosion of network data – that is, measurements that are either of or from a system conceptualized as a network – from seemingly all corners of science. The combination of an increasingly pervasive interest in scientific analysis at a systems level and the ever-growing capabilities for high-throughput data collection in various fields has fueled this trend. Researchers from biology and bioinformatics to physics, from computer science to the information sciences, and from economics to sociology are more and more engaged in the collection and statistical analysis of data from a network-centric perspective. Accordingly, the contributions to statistical methods and modeling in this area have come from a similarly broad spectrum of areas, often independently of each other. Many

books already have been written addressing network data and network problems in specific individual disciplines. However, there is at present no single book that provides a modern treatment of a core body of knowledge for statistical analysis of network data that cuts across the various disciplines and is organized rather according to a statistical taxonomy of tasks and techniques. This book seeks to fill that gap and, as such, it aims to contribute to a growing trend in recent years to facilitate the exchange of knowledge across the pre-existing boundaries between those disciplines that play a role in what is coming to be called 'network science.

Company Law & Secretarial Practice, N.D. Kapoor

The Sixth Revised Edition of "Business Law" as per CBCS syllabus of Andhra Pradesh, Telangana, Osmania Universities for B.Com (Hons), B.Com (General) Semester IV, presents the basic principles of Business Law in a way that makes the subject easily intelligible even to a non-specialist. The book has eight units. The chapter on Intellectual Property Rights discusses (i) The Trade Marks Act, 1999; (ii) The Patents Act, 1970; (iii) The Copyright Act, 1957; (iv) The Trade secrets and (v) Geographical Indications. A new chapter on "The Environment Protection Act, 1986". The book has 323 Objective Type Questions; 174 Test Questions; and 253 Practical Problem and solutions. The book "Business Law" as per CBCS syllabus of Andhra Pradesh, Telangana, Osmania Universities for B.Com (Hons),

B.Com (General) Semester IV is equipped with 457 Examples, 126 Illustrative Cases and 69 Case Study.

Elements of Mercantile Law

Statistical Methods

Special features of the book 1. A very comprehensive and accessible approach in the presentation of the material. 2. A variety of solved examples to illustrate the theoretical results. 3. A large number of unsolved exercises for the students are given for practice at the end of each section. 4. Solution to each unsolved examples are given at the end of each exercise.

Parametric Statistical Change Point Analysis

This is the first book to provide the student of tourism, hospitality and events with all that they need to undertake statistical analysis using SPSS for research in their industry. Employing examples directly from the tourism, hospitality and events sector, it provides a comprehensive explanation on how appropriate statistical tools and methods can be identified for this research context and provides a step-by-step demonstration on how to carry out the chosen statistical operations. Each chapter opens with a sector-specific case study reflecting current research trends and issues from a range of different countries that are affecting the industry today. It is followed by an examination of the SPSS procedures

relating to the case study and various solutions are offered. The implementation of clear, step-by-step demonstrations on how to carry out statistical operations using a combination of screenshots, diagrams, and tables aids the reader's understanding. Chapters close with thorough guidance on how to appropriately write up interpretations of the research in a report. Research implications and recommendations for tourism and hospitality businesses are also provided, to enable them to successfully create and manage research strategies in action. Adopting an interdisciplinary perspective and written by a range of industry experts from all over the globe, this book will be essential for all students and researchers in the field of tourism, hospitality, and events as well as all those in related fields with an interest in statistical data analysis.

Optimization Techniques In Operation Research

The Preface elucidates that the text is designed for degree courses in India. However, I imagine that it could play a useful role for those in Britain. It is mainly intended as an introductory text for those studying social sciences and economics. Individuals from other disciplines would, no doubt, still find it useful as a general reference. The chapters are well written and easy to follow. An appealing feature of the book is that much emphasis is placed on the understanding and application of statistical methods. There is avoidance of excessive presentation of formulae. For these reasons alone I think that

Students Will Find The Text Attractive. Each Chapter Finishes With A Series Of Well-Formulated Questions, Which Test The Readers' Understanding. The Two Chapters On Statistical Inference And Tests Of Significance Are Excellent. It Is A Comprehensive And Interesting Text, One That I Think Most Students Would Find Useful. Indeed, It Is An Useful Addition To My Library, Having Already Referred To It Often. The Statistician, London, Vol. 45, No. 3 (1996).

An Introduction to Probability and Statistics

Business Statistics

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