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A world list of books in the English language.

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A friendly and accessible approach to applying statistics in the real world With an emphasis on critical thinking, The Art of Data Analysis: How to Answer Almost Any Question Using Basic Statistics presents fun and unique examples, guides readers through the entire data collection and analysis process, and introduces basic statistical concepts along the way. Leaving proofs and complicated mathematics behind, the author portrays the more engaging side of statistics and emphasizes its role as a problem-solving tool. In addition, light-hearted case studies illustrate the application of statistics to real data analyses, highlighting the strengths and weaknesses of commonly used techniques. Written for the growing academic and industrial population that uses statistics in everyday life, The Art of Data Analysis: How to Answer Almost Any Question Using Basic Statistics highlights important issues that often arise when collecting and sifting through data. Featured concepts include: • Descriptive statistics • Analysis of variance • Probability and sample distributions • Confidence intervals • Hypothesis tests • Regression • Statistical correlation • Data collection • Statistical analysis with graphs Fun and inviting from beginning to end, The Art of Data Analysis is an ideal book for students as well as managers and researchers in industry, medicine, or government who face statistical questions and are in need of an intuitive understanding of basic statistical reasoning.

Normal 0 false false false Mario Triola's Elementary Statistics remains the market-leading introductory statistics textbook because it engages readers with an abundance of real data in the examples, applications, and exercises. Statistics is all around us in our daily lives, and Triola is dedicated to finding new real-world examples and data sets that make sense for today's reader. The Eleventh Edition contains more than 2000 exercises, 87% of which are new, and 82% of which use real data. It also contains hundreds of examples, 86% of which are new and 94% of which use real data. By analyzing real data, students are able to connect abstract concepts to the world at large. As a result, they gain conceptual understanding and learn to think statistically, using the same methods that professional statisticians employ. Introduction to Statistics; Summarizing and Graphing Data; Statistics for Describing, Exploring, and Comparing Data; Probability; Discrete Probability Distributions; Normal Probability Distributions; Estimates and Sample Sizes; Hypothesis Testing; Inferences from Two Samples; Correlation and Regression; Goodness-of-Fit and Contingency Tables; Analysis of Variance; Nonparametric Statistics; Statistics Process Control; Projects, Procedures, Perspectives For all readers interested in introductory statistics.

95% of Introductory Statistics students will never take another Statistics course. What do you want your students to learn? Discover the Power of Real Data Mario Triola remains the market-leading statistics author by engaging students of each edition with an abundance of real data in the examples, applications, and exercises. Statistics is all around us, and Triola helps students understand how this course will impact their lives beyond the classroom-as consumers, citizens, and professionals. Essentials of Statistics, Fourth Edition is the ideal text for instructors who want a more economical and streamlined text for their introductory statistics course.

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Buku ini bertujuan membalik pandangan negatif tentang statistika berdasarkan perhitungan manual dengan banyak rumus yang harus dihapal, melainkan sikap kritis untuk memahami dunia dengan data dan fakta. Penyajian metode-metode statistik di buku ini menitikberatkan pada pemahaman konseptual daripada prosedural. Data dan fakta digunakan untuk mengilustrasikan penggunaan metode-metode statisik di dunia nyata. Perangkat-perangkat lunak statistik populer, Excel, Minitab, SPSS, dan R, didemonstrasikan untuk mengilustrasikan konsep-konsep dasar statistika dan analisis data. Dengan cara ini, statistika diharapkan bertransformasi dari perhitungan manual dan hapalan menjadi aktivitas penalaran dan penyelidikan. Buku Metode Statistik: Jilid 1 mencakup topik-topik dasar statistika inferensial. • Data dan tingkat pengukurannya • Ulasan statistika deskriptif dan inferensial • Distribusi normal dan binomial • Distribusi sampling dan Teorema Limit Pusat • Selang kepercayaan proporsi, rerata, dan variansi •





and 92% use real data. By analyzing real data, readers are able to connect abstract concepts to the world at large, teaching them to think statistically and apply their conceptual understanding using the same methods that professional statisticians employ. Datasets and other resources (where applicable) for this book are available here. MyMathLab provides a wide range of homework, tutorial, and assessment tools that make it easy to manage your course online.

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