



Introduction to Statistics and Data Analysis (with CengageNOW Printed Access Card)

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Cengage Learning, 2007. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service!

Summary: 1. THE ROLE OF STATISTICS AND THE DATA ANALYSIS PROCESS. Three Reasons to Study Statistics. The Nature and Role of Variability. Statistics and the Data Analysis Process. Types of Data and Some Simple Graphical Displays. Activity 1.1: Head Sizes: Understanding Variability. Activity 1.2: Estimating Sizes. Activity 1.3: A Meaningful Paragraph. 2. COLLECTING DATA SENSIBLY. Statistical Studies: Observation and Experimentation. Sampling. Simple Comparative Experiments. More on Experimental Design. More on Observational Studies: Designing Surveys (optional). Communicating and Interpreting the Results of Statistical Analyses. Activity 2.1: Designing a Sampling Plan. Activity 2.2: An Experiment to Test for the Stroop Effect. Activity 2.3: McDonalds and the Next 100 Billion Burgers. Activity 2.4: Video Games and Pain Management. Graphing Calculator Explorations. 3. GRAPHICAL METHODS FOR DESCRIBING DATA. Displaying Categorical Data: Comparative Bar Charts and Pie Charts. Displaying Numerical Data: Stem-and-Leaf Displays. Displaying Numerical Data: Frequency Distributions and Histograms. Displaying Bivariate Numerical Data. Communicating and Interpreting the Results of Statistical Analyses. Activity 3.1: Locating States. Activity 3.2: Bean Counters! Graphing Calculator Explorations. 4. NUMERICAL METHODS FOR DESCRIBING DATA. Describing the Center of a Data Set. Describing Variability in...

Reviews

An incredibly great book with perfect and lucid answers. Better than ever, though i am quite late in start reading this one. You will not sense monotony at whenever you want of the time (that's what catalogues are for relating to if you question me).

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-- **Milan Turner**