

**chapter 1 exploring data pdf**

Source: The Practice of Statistics, 4th edition - For AP\* by STARNES, YATES, MOORE Chapter 1: Exploring Data Introduction: Data Analysis: Making Sense of Data 1.1 Analyzing Categorical Data 1.2 Displaying Quantitative Data with Graphs 1.3 Describing Quantitative Data with Numbers

**Chapter 1: Exploring Data - Brunswick School Department**

For each 1-gram increase in protein, the predicted calories increases by 0.063 grams. e. For each 1-gram increase in protein, the predicted calories increases by 0.024 grams.

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data value is shown as a dot above its location on a number line. How to make a dotplot: 1)Draw a horizontal axis (a number line) and label it with the variable name. 2)Scale the axis from the minimum to the maximum value. 3)Mark a dot above the location on the horizontal axis corresponding to each data value.

**CHAPTER 1 Exploring Data - btcatholic.org**

AP Statistics " Chapter 1 Notes Page 2 of 3 1.3: Describing Distributions with Numbers The Mean ( $\bar{x}$ ) To find the mean of a set of observations, add their values and divide by the number of observations. If the  $n$  observations are  $x_1, x_2, \dots, x_n$ , their mean is:

**AP Statistics Chapter 1 - Exploring Data - Dan Shuster**

9/ 1 1 1.1 Exploring Data Displaying Distributions with Graphs SOCS Graphs Freq. Dist Dot plots Stemplot \*2009 AP Question #1 \*2007 AP Question #1 \* 2005 AP Questions #1 1.1 Must Read Questions and check Solutions and write a summary about the distributions ... AP Statistics Chapter 1: Exploring Data Author:

**AP Statistics Chapter 1: Exploring Data**

7. Answer questions 1-4 for the Check Your Understanding on page 31. 8. How are a stemplot and a histogram similar? 9. When is it beneficial to split the stems on a stemplot? 10. When is it best to use a back-to-back stemplot? 11. List the three steps involved in making a histogram. 12.

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Chapter 1: Exploring Data Section 1.1 Analyzing Categorical Data The Practice of Statistics, 4th edition - For AP\* STARNES, YATES, MOORE + Chapter 1 ... 1)Use the data in the table to calculate the marginal distribution (in percents) of the row or column totals. 2)Make a graph to display the marginal distribution. ...

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CHAPTER 1 Exploring Data 1.1 Analyzing Categorical Data. Learning Objectives After this section, you should be able to: The Practice of Statistics, 5thEdition 2 ... Use the data in the table to calculate the conditional distribution (in percents) of the row(s) or column(s).

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Chapter 1: Exploring Data Section 1.2 Displaying Quantitative Data with Graphs The Practice of Statistics, 4th edition - For AP\* ... 1)Divide the range of data into classes of equal width. 2)Find the count (frequency) or percent (relative frequency) of individuals in each class.

**Chapter 1: Exploring Data - marshall.k12.mn.us**

Example 1.15, p. 53 ! 1. Enter salary data in L1. Compute summary stats. ! 2. Add a constant amount of 0.5

(\$500,000) to each salary, and put these new data in L2. Compute summary stats. ! 3. Now suppose each player receives a 10% raise (multiply L1 by 1.10). Put these data in L3, then compute summary stats. ! Compare summary stats.

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the WINDOW mode, or you can Zoom directly to the data. To zoom directly to the histogram: 1. Press ZOOM 3. Describe the plot in the context of the problem 2. Select 9: ZoomStat 4. Press TRACE to see categories and frequencies Using the "SSHA" data, select modified boxplot to get another view of the distribution. 1. 2. 3. 4.

### **Chapter 1: Exploring Data - apstatsmonkey.com**

TPS4e Chapter 1: Exploring Data 4 7. Use the following two-way table, a) To explain the difference between a marginal distribution and a conditional distribution. b) To give an example demonstrating how to calculate a marginal distribution: c) To give an example demonstrating how to calculate a conditional distribution: 8.

### **Chapter 1: Exploring Data - Brunswick School Department**

CHAPTER 1 Exploring Data 1.3 Part 2: Standard Deviation Describing Quantitative Data with Numbers. The Practice of Statistics, 5th Edition 2 The 2011 roster of the Dallas Cowboys professional football team included 7 defensive linemen. Their weights (in pounds) were 321, 285,

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### **Ch1\_3\_ppt.pdf - CHAPTER 1 Exploring Data 1.3 Describing**

Chapter 1: Exploring Data 1.1 Displaying Distributions with Graphs (pp.4-36) 1. In statistics, what is meant by individuals? Individuals are the objects described by a set of data. Individuals may be people, but they may also be animals or things.

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