

69D Jeopardy Review

Data Gathering, 100, Samples that result in accurate estimates are said to be _____, What is representative of the population?

Data Gathering, 200, The sampling method if individuals volunteer to be part of the sample, What is self-selected?

Data Gathering, 300, The sampling method if individuals are selected based on how accessible they are, What is convenience?

Data Gathering, 400, The sampling method that reduces sampling variability by identifying homogeneous subgroups and then randomly sampling within each, What is stratified?

Data Gathering, 500, The sampling method that randomly selects among heterogeneous subgroups that each resemble the population, What is cluster?

Data, 100, Variables can usually be identified as either _____ or _____, What are r Categorical or quantitative?

Data, 200, Places an individual into one of several groups, What is a Categorical variable?

Data, 300, Has numerical values (with units) that measure some characteristic of each individual, What is a Quantitative variable?

Data, 400, It is the best defense against bias in your survey data, What is randomization?

Data, 500, Shows how a particular statistic varies across all samples of n individuals from the same population, What is a sampling distribution?

Distribution, 100, A hump or local high point in the shape of the distribution of a variable, What is Mode?

Distribution, 200, Once we make a picture, we describe a distribution by telling about its, Shape center spread and any unusual features.?

Distribution, 300, A distribution that is roughly flat, What is Uniform?

Distribution, 400, If for center you report the median then you should report _____ for spread which is equal to _____, *What is IQR $Q3-Q1$?*

Distribution, 500, If the mean is less than the median then the distribution is likely _____, What is skewed left (negative)?

Displaying Data, 100, Shows a bar representing the (percentage) count of each category in a categorical variable, What is a bar chart?

Displaying Data, 200, Shows how a "whole" divides into categories by showing a wedge of a circle whose area corresponds to the proportion in each category, What is a pie chart?

Displaying Data, 300, The distribution of one of the variables alone is seen in the totals found in the last row/column of a contingency table, What is Marginal distribution?

Displaying Data, 400, The distribution of a variable restricting the *Who* to consider only a smaller group of individuals, What is Conditional distribution?

Displaying Data, 500, The two buttons you hit on the TI-84 to display your initial histogram, What are Zoom and 9?

Final Jeopardy, Z-scores, If the distribution of your data is approximately Normal with a mean of 66 and a standard deviation of 8 What is your best approximation for the value of $Q3$?, What is 71.6