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Statistical Inference

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| **Across****3.** Arranging objects of a set in no specific order**4.** Sum of all possible values each multiplied by the probability of it occurring**9.** Selected people/objects from the whole**10.** Process over time in which outcomes match real-world problems**11.** Arranging objects of a set in a specific order**12.** Number that appears most often in a set of numbers**14.** The average of the squared differences from the mean**15.** Used to gather information**16.** Average of the numbers**17.** The whole group that is being studied**19.** When event A's occurrence does not affect the probability of Event B occurring**20.** Measure of how spread out the numbers are  | **Down****1.** Random experiment that has two possible outcomes: success and failure**2.** The number of standard deviations a data point is from the mean**5.** Collecting, organizing, and interpreting data**6.** The outcome of Event A affects the outcome of Event B**7.** The number of times the data value occurs**8.** Bell-shaped density curve described by its mean and standard deviation**13.** Likelihood of something occurring in the future**18.** The "middle" number in a set of ordered numbers from least to greatest |