

Download Stem Plot Graph

A Stem and Leaf Plot is a special table where each data value is split into a "stem" (the first digit or digits) and a "leaf" (usually the last digit). Like in this example: Example: "32" is split into "3" (stem) and "2" (leaf). More Examples: The "stem" values are listed down, and the "leaf" values go right (or left) from the stem values. A stem-and-leaf display or stem-and-leaf plot is a device for presenting quantitative data in a graphical format, similar to a histogram, to assist in visualizing the shape of a distribution. They evolved from Arthur Bowley's work in the early 1900s, and are useful tools in exploratory data analysis. For example, if you want to make a stem-and-leaf plot for the data set of 100, 105, 110, 120, 124, 126, 130, 131, and 132, you can use the highest place value to create the stem. Description. If X and Y are both vectors, then stem plots entries in Y against corresponding entries in X. If X is a vector and Y is a matrix, then stem plots each column of Y against the set of values specified by X, such that all elements in a row of Y are plotted against the same value.