Scatter Plot & Box Plot

Scatter Plot

Examine a way to display the relation between two variables x and y. The most common and easiest way is a scatter plot.

A scatter plot of two variables shows the values of one variable on the Y axis and the values of the other variable on the X axis.

You can determine the strength of the relationship by looking at the scatter plot and seeing how close the points are to a line, a power function, an exponential function, or to some other type of function.

Calendar

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Box Plot

**Box plots** (also called **box-and-whisker plots** or **box-whisker plots**) give a good graphical image of the concentration of the data. They also show how far the extreme values are from most of the data. A box plot is constructed from five values: *the minimum value, the first quartile(*25th*), the median, the third quartile(*75th*),* and *the maximum value.* We use these values to compare how close other data values are to them.

Chart

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