

Boxplot and interquartile range (IQR)

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Pandas Boxplot

A box plot is a method for graphically depicting groups of numerical data through their quartiles. The box extends from the Q1 to Q3 quartile values of the data, with a line at the median (Q2). The whiskers extend from the edges of box to show the range of the data. By default, they extend no more than $1.5 * \text{IQR}$ ($\text{IQR} = \text{Q3} - \text{Q1}$) from the edges of the box, ending at the farthest data point within that interval. Outliers are plotted as separate dots.

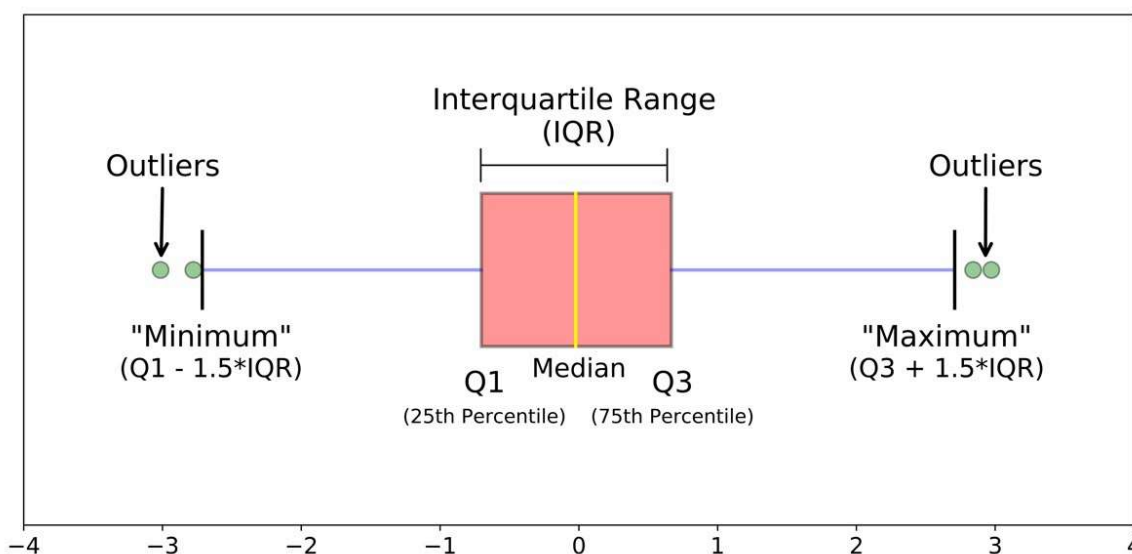


Image from: <https://www.linkedin.com/in/michaelgalarnyk/>

Links

pandas.DataFrame.boxplot — pandas 1.5.2 documentation

<https://pandas.pydata.org/docs/reference/api/pandas.DataFrame.boxplot.html>

pandas.pydata.org/docs/reference/api/pandas.DataFrame.boxplot.html



www.kdnuggets.com/2019/11/understanding-boxplots.html

