Box plot

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12.8

You can use box plots for identifying outliers and for comparing distributions.

You can create a box plot to show the median, quartiles, and outlier and extreme values for a variable. The inter-quartile range is the difference between the 75th and 25th percentiles and corresponds to the length of the box. The middle line is the 50th percentile.

Above and under each box whiskers give additional information about the spread of the data.

Far out values are represent by adding "o" signs beyond the whiskers.

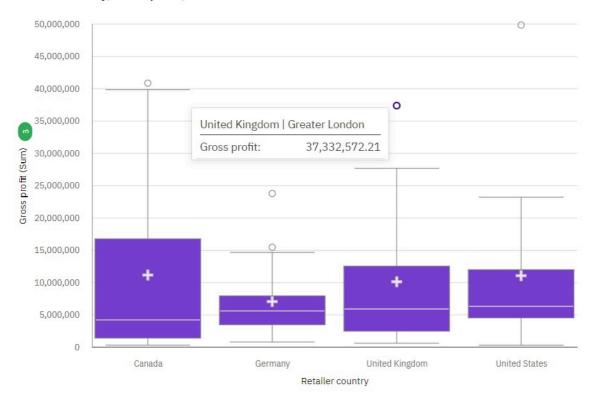The mean score in a box plot is presented by a "+" sign.

Use the key field in a box plot visualization to determine for which items you want to identify outliers and compare distributions. In our example, we use **Province or State** from the GOSales data source.

The next box plot shows the gross profit statistics for various markets.

> ⓘ **Note:** Drill-through is not available for a box plot visualization.

Retailer country, Gross profit, Province or State

Parent topic:

→ Choosing a different visualization type