Mean



The *mean* is a type of average, giving a measure of the "centre" of a set of data, a random variable or a function. It is obtained by performing a calculation.

There are many different types of mean:

- The arithmetic mean is the most common; this is often simply called the "mean"
- The geometric mean
- The harmonic mean
- The root mean square
- The power means, which encompass all of the above

The means are significantly affected by outlier values.