mean (μ, \bar{x})

A measure of *location* formed by adding all values in a *data set* and dividing by the number of values (n):

$$\mu = \bar{x} = \frac{1}{n} \sum_{i=1}^n x_i$$

The letter μ denotes the *population* mean and \bar{x} the *sample* mean. The mean of a *random variable* X is called its *expectation*.

Example: $\frac{1+2+3+4+5}{5} = \frac{15}{5} = 3$

See also: expectation, often used synonymously.