
variance

syntax: `variance(data)`

purpose: Computes the variance of a vector of data. The variance is the square of the standard deviation. The formula is

$$\frac{1}{N-1} \sum_{i=1}^N (x_i - \hat{x})^2$$

where N is the length of the data vector, \hat{x} is the mean of the data vector, and x_i is element number i of the data vector.

See also: `STD`

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