
stdsyntax: `std(data)`

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

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

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.`std` is a built-in MATLAB function.See also: `VARIANCE`

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