

Calculating Variance :

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<https://www.mathsisfun.com/data/standard-deviation.html>

Sample Variance ( $s^2$ )

$$s^2 = \frac{\sum (x_i - \bar{x})^2}{n-1}$$

$s^2$  = variance

$x_i$  = term in data set

$\bar{x}$  = Sample mean

$\sum$  = Sum

$n$  = Sample size