

## Difference between Z test and Test

### Difference between

Z-Test

&

T-Test

- Formula to find the value of Z(Z-Test) is

$$Z = \frac{(\bar{x} - \mu)}{(\sigma / \sqrt{n})}$$

where,

$\bar{x}$  : mean of the sample.

$\mu$  : mean of the population.

$\sigma$  : Standard deviation of the population.

n = sample size

- Formula to find the value of T(T-Test) is

$$T = \frac{(\bar{x} - \mu)}{\frac{s}{\sqrt{n}}}$$

where,

$\bar{x}$  : mean of the sample.

$\mu$  : mean of the population.

s : sample standard deviation

n = sample size