

# Midterm Corrections

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## Question 3

The goal of the two-sample t-test is the comparison of the mean values of two groups

**Answer: TRUE**

The two-sample t-test is a parametric method that is appropriate for examining the difference in means for 2 populations. Simply put, this test is applied to compare whether the average difference between two groups is significant.

## Question 4

The data showing bell-shaped and symmetric distribution always follows the Normal distribution

**Answer: FALSE**

Just because data may show a bell-shaped and symmetric distribution does not mean that the data follows a normal distribution. Simply put, normal distributions are symmetrical, but not all symmetrical distributions are normal.