# Hypothesis Testing – t-Tests and ANOVA

## Tasks to be performed:

1. Generate two sets (samples) of normally distributed random numbers with different means and equal standard deviations. Select and perform a test to establish if the difference of means is significant.
2. Generate two sets (samples) of normally distributed random numbers with different means and different standard deviations. Select and perform a test to establish if the difference of means is significant.
3. Using the data in file cdc.csv, test the hypothesis **“Men and women have different heights”**.
4. Given samples of customer spend when given two different promotional offers or no offer, test the hypothesis **“The promotional offers influence the customer spend”**.

This exercise will use the data in file cdc.csv and will be done using R.

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