

Statistics with R – Beginner Level

Practice

Note: If you did not do it already, please download the CSV data files and extract them on your hard drive. You can find the download link in the section *Course Materials*.

Section 6

Performing Univariate Analyses

Exercise #1

In the data file *hw.csv*, perform a one-sample t test to check whether the average subjects weight is lower than 75 kilograms.

Exercise #2

In the data file *mobilenet.csv*, run a one-sample t test to check whether the average number of hours spent on the Internet is greater than 9.

Exercise #3

In the data file *bankloan.csv*, perform a binomial test to verify whether the percentage of subjects who have a loan is greater than 10%.

Exercise #4

In the data file *directmail.csv*, run a goodness-of-fit chi square test with the variable *educ* (education level), using equal theoretical probabilities.

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