

# ***Applied Statistics Laboratory 2***

In some experiment, they measured time to reaction [in milliseconds] for 50 drivers before and 15 minutes after drinking 100ml of alcohol. Is that true that drinking alcohol impacts the time to reaction? Before testing this hypothesis, do the following:

- Check for outliers. If appear, remove them from further analysis.
- Draw a histogram with proper number of bins and comment if data are normally distributed.

At last, state the hypothesis and test it using parametric or non-parametric test. Draw the conclusion and comment on the selection of the test.