

# Practical Exercises for Day 1 - preliminary

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October 2018

## Exercise 1

- Open R Studio
- Open a new R-Script
- Load data set `chickwts`
- Do summary statistic (numerically and graphically)
- For advanced R users: Try an anova (are the assumptions fulfilled?) and a Tukey-Anscombe plot.  
Try a histogram with a density line on top. ...

## Exercise 2

- Create a data frame with 3 columns.

## Exercise 3

- Install package `MASS`.
- Load data set `bacteria`.
- Describe in your own words what the data set `bacteria` contains.
- Do summary statistic (numerically and graphically).
- Select only observations collected during the second week.