Statistics with R – Intermediate 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 3

Predictive Techniques

Exercise #1

Using the data set *vehicles.csv,* run a regression analysis to determine the influence of the variables *engine, horsepow, wheelbas, width, length, weight fuelcap* and *type* on the variable *price*.

Exercise #2

Perform a sequential regression with the variables described in the previous exercise, entering them in the regression model as follows:
- first block: *engine, horsepow, type*
- second block: the remaining variables.

Exercise #3

Using the data set *bankloan.csv,* run a regression analysis to determine whether the customer balance depends on the following variable:
- age
- whether they have a loan or not.