# Instructions

Understand data with R: The dataset ToyotaCorolla.csv contains data on used cars for sale during the late summer of 2004 in the Netherlands. We explore the data using R. Please use RStudio to finish the following (refer to DMBA Book P24 and P27 and class lecture for codes).

* + 1. Create a new R project and name it “MyRProject” and save it where you can remember and easily access later.
    2. Create a new R script and save it as “Toyota.R” (3 points).
    3. Change the working directory use *Session -> Set Working Directory -> To Source File Location* from the Menu Bar.
    4. Download the dataset “ToyotaCorolla.csv” and save it to your project folder (*It is important that you save it in this folder.*)
    5. In the R script, read in the “ToyotaCorolla.csv” as a data frame. You may name it Toyota.df (3 points)
    6. Find the dimension of the data frame: How many observations? How many variables, except the ID variable? (Use comment “#” to write your answers next to the code) (3 points)
    7. Print a list of the variable names to the screen (3 points)
    8. Use slicing to show: first 10 rows of the data frame, the whole first five variables, and the fifth row of variable 20-29 (9 points)
    9. Find the summary statistics for each column (3 points)
    10. Find the data type of each variable and print them out (use the codes we learned in class) (8 points)