Day 2 - Exercise 1

Saving ggplot

Data sets

Famous iris data 'iris'

This famous (Fisher's or Anderson's) 'iris' data set gives the measurements in centimeters of the variables sepal length and width and petal length and width, respectively, for 50 flowers from each of 3 species of iris.

Get started

Task 0 - 'prepared' R file

- Download Rfile *day2_ex1_saving_ggplot_vYYYYMMDD.R* from GitHub into your folder 'R/Rfiles'
- Open the file in RStudio
- Use 'Outline' in RStudio to get an overview of the R file structure

How to save plots - dataset *iris*

Task 1 - Prepare data

Save dataset 'iris' as 'dt_iris'

Task 2 - Create plot

Run the code to create scatter plot as shown on the slide

Task 3 - Save plot

a) Save the ggplot using function ggsave() as 'png'

- Look at the description of the function
- Hint: use argument 'path' in order to save plot in folder 'R/Routput'
  - remember that we work with 'R project' and our starting point is the folder 'Course Introduction R'

b) Try to change/include following arguments in the function *ggsave()* and look at the output in folder 'Routput'

- units
- scale