Homework03

The questions:

Using a data frame as an example, write a short code to illustrate some functions or packages for data processing. This include to: 1) import and save data; 2) inspect data structure；3）check whether a column or row has missing data；4）extract values from a column or select/add a column；5）transform a wider table to a long format；6）visualize the data.

Requirements:

1. Write a R script file (with annotation) and save it as “data\_manipul.R”.
2. Try to use tidyverse and ggplot2.
3. Hand in the homework before march 27, 2024