

Assignment 1.10 – Data Frames

Write a R script that provides answers to the following questions. If any questions need direct answers, give them in a comment.

1. Create a data frame that has columns with three different data types.
2. Load the data set `chickwts`, which is study on chick weights based on feed type and use it with the following:
 - a. What is the mean weight of all the chicks in the study? How many chicks are in each feed group?
 - b. Create two separate vectors with all the weights of the chicks in the study and all the feeds in the study.
 - c. Subset the data frame into a new object that represents only the weights of chicks fed on horsebean.
 - d. Repeat this subsetting into a new object for chicks fed on sunflower.
3. The following line of code does not work. Correct the error so that the code returns the mean weight of chicks fed soybean or linseed feed and explain why your fix works.
`mean(chickwts$weight[chickwts$feed == "soybean" | chickwts$feed == "linseed",])`

Turn in your R script.