

COP2073C Practice Exercise 3

- Create and save the following data as a data frame, ensuring the PERSON column is a character string, and both GENDER and FUNNY columns are factors with the levels M/F and Low/Med/High, respectively:

PERSON	GENDER	FUNNY
Stan	M	High
Francine	F	Med
Steve	M	Low
Roger	M	High
Haley	F	Med
Klaus	M	Med

- Use the str() function to verify the characteristics of each column.
- Add an AGE column to the data frame with the following ages:

Stan 41
Francine 28
Steve 33
Roger 56
Haley 45
Klaus 60

- Use column indexing to swap the AGE and FUNNY columns so that AGE becomes the 3rd column and FUNNY becomes the 4th column.
- Add the following row to your data frame: "Sally", "F", 37, "High".
- At this point, you may notice that str() indicates the AGE column is stored as a character vector. Convert that column to a numeric type.
- Display your final data frame and use str() to verify the structure, ensuring PERSON is a character vector, GENDER and FUNNY are factors, and AGE is numeric.