

Continuing from assignment 2: Let's us assuming you have 10 friends. Create a data frame of their names, sex, and age. Name the data frame df and use it in a function to answer the following

1. Select the columns sex and age in base R using i) positional selection and ii) names selection
2. Repeat 1 above but this time keep only the rows which meet this condition: sex is male.
3. Rename sex column gender
4. Repeat questions 1-3 using the Tidyverse package
5. Add two variables to your data set: age squared and logarithm of age.
6. Also, using the Tidyverse package find the mean of age for your male friends and female friends.