SESSION 3 Exercise

9/20/2024

**QUESTION:**

**Clean Race, Sex, Ethnicity, Exercise, and Insurance columns for stakeholder so the data are standardize for report use.**

These columns should have these outputs in the end:

Race: “asian”, “other”, “mutli”, “white”, “black”

Ethnicity: “h”, “nh”

Sex: “m”, “f”

Exercise: “y”, “n”

Insurance: “y”, “n”

FYI: feel free to call the columns whatever you want (make sure its intuitive for stakeholder), just make sure its standardize using janitor:: clean\_names() function.

Feel free to reach out to me or someone from RI for R help😊

**BONUS:**

**Combine the race and ethnicity column to create race\_ethnicity column.**

The output should be like

If ethnicity is “h” then race\_ethnicity is “h”. If ethnicity is “nh” then race\_ethnicity is “nh x race”.

For ex: I am non Hispanic and asian. Therefore my race\_ethnicity output would be “nh asian”.

*Hint: use paste() when combining columns.*

**BONUS BONUS:**

Create a function using casewhen then call the function to clean columns…. (functions will be discussed in the next session)

Or create a function when calculating the average value of the combined squat, deadlift, and bench. The output should be 555.75

Where to download data:  
<https://github.com/atomwin/intro_r/tree/main/data>

Screenshot below---------------------🡪

