**Data Wrangling Exercises:**

Using the file DataWrangling.R, do the following exercises:

1. Read the data from URL: 'https://raw.githubusercontent.com/GTPB/PSLS20/master/data/NHANES.csv'
2. Read the columns: ID, Age, Pulse, Weight, Gender, Diabetes
3. Change the type of column ‘ID’ to ‘character’
4. Find the total number of rows with NA
5. Replace all the NA values of numeric columns with its mean (hint: find the numeric columns and impute NA values with its mean) to get the new data *impData\_mean*
6. If NA in ‘character’ columns, delete those columns to get a new data set: *dataNo\_na*

Else *impData* and *dataNo\_na* are same

1. Change column name “Weight” to “Wt”
2. Use **apply** function to find *min, max, and count* of the numeric columns
3. Use **lapply and sapply** function to find *min, max, and count* of the numeric columns
4. Use **group\_by** using column “Gender” to find mean of the numeric columns (hint: Age, Weight, and Pulse are numeric columns)
5. Use **group\_by** using columns (“Gender”, “Diabetes”, and “Age” ) to find *mean* “Pulse” and “Weight”