

Assignment 2 MinJae Jo

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```
head(penguins) #> # A tibble: 6 × 8 #> species island bill_length_mm bill_depth_mm flip-  
per_length... body_mass_g sex  
#> #> 1 Adelie Torge... 39.1 18.7 181 3750 male #> 2 Adelie Torge... 39.5 17.4 186 3800 fema... #>  
3 Adelie Torge... 40.3 18 195 3250 fema... #> 4 Adelie Torge... NA NA NA NA #> 5 Adelie Torge...  
36.7 19.3 193 3450 fema... #> 6 Adelie Torge... 39.3 20.6 190 3650 male #> # ... with 1 more variable:  
year
```

```
head(penguins_raw) #> # A tibble: 6 × 17 #> studyName Sample Number Species Region Island Stage  
Individual ID #>  
#> 1 PAL0708 1 Adelie Penguin ... Anvers Torge... Adul... N1A1  
#> 2 PAL0708 2 Adelie Penguin ... Anvers Torge... Adul... N1A2  
#> 3 PAL0708 3 Adelie Penguin ... Anvers Torge... Adul... N2A1  
#> 4 PAL0708 4 Adelie Penguin ... Anvers Torge... Adul... N2A2  
#> 5 PAL0708 5 Adelie Penguin ... Anvers Torge... Adul... N3A1  
#> 6 PAL0708 6 Adelie Penguin ... Anvers Torge... Adul... N3A2  
#> # ... with 10 more variables: Clutch Completion , Date Egg , #> # Culmen Length (mm) , Culmen  
Depth (mm) , #> # Flipper Length (mm) , Body Mass (g) , Sex , #> # Delta 15 N (o/oo) , Delta  
13 C (o/oo) , Comments
```

```
str(penguins) #> tibble [344 × 8] (S3: tbl_df/tbl/data.frame) #> $ species : Factor w/ 3 levels  
"Adelie", "Chinstrap", ...: 1 1 1 1 1 1 1 1 1 1 ... #> $ island : Factor w/ 3 levels "Biscoe", "Dream", ...: 3 3 3 3  
3 3 3 3 3 3 ... #> $ bill_length_mm : num [1:344] 39.1 39.5 40.3 NA 36.7 39.3 38.9 39.2 34.1 42 ... #> $  
bill_depth_mm : num [1:344] 18.7 17.4 18 NA 19.3 20.6 17.8 19.6 18.1 20.2 ... #> $ flipper_length_mm:  
int [1:344] 181 186 195 NA 193 190 181 195 193 190 ... #> $ body_mass_g : int [1:344] 3750 3800 3250  
NA 3450 3650 3625 4675 3475 4250 ... #> $ sex : Factor w/ 2 levels "female", "male": 2 1 1 NA 1 2 1 2  
NA NA ... #> $ year : int [1:344] 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 ...
```