

Final Project

Due Wednesday, December 3, 11:59 PM

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Use of AI tools

I did not use AI in the completion of this assignment.

Loading Libraries/Dataset

```
library(tidyverse)
library(ggplot2)

data <- read_csv("coffee_data.csv")
data
```

```
# A tibble: 10,000 x 16
      ID   Age Gender Country   Coffee_Intake Caffeine_mg Sleep_Hours
  <dbl> <dbl> <chr>   <chr>         <dbl>         <dbl>         <dbl>
1     1     40 Male    Germany         3.5          328.           7.5
2     2     33 Male    Germany          1           94.1           6.2
3     3     42 Male    Brazil          5.3         504.           5.9
4     4     53 Male    Germany         2.6         249.           7.3
5     5     32 Female  Spain          3.1         298.           5.3
6     6     32 Male    Mexico         3.4         326.           6.4
7     7     53 Male    France         2.7         252.           7.8
8     8     44 Female  Canada         4.5         424.           5.5
9     9     29 Male    UK             1.7         162.           7.1
10    10     41 Female  Switzerland     4          383.           6.4
# i 9,990 more rows
# i 9 more variables: Sleep_Quality <chr>, BMI <dbl>, Heart_Rate <dbl>,
#   Stress_Level <chr>, Physical_Activity_Hours <dbl>, Health_Issues <chr>,
#   Occupation <chr>, Smoking <dbl>, Alcohol_Consumption <dbl>
```