

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>
```