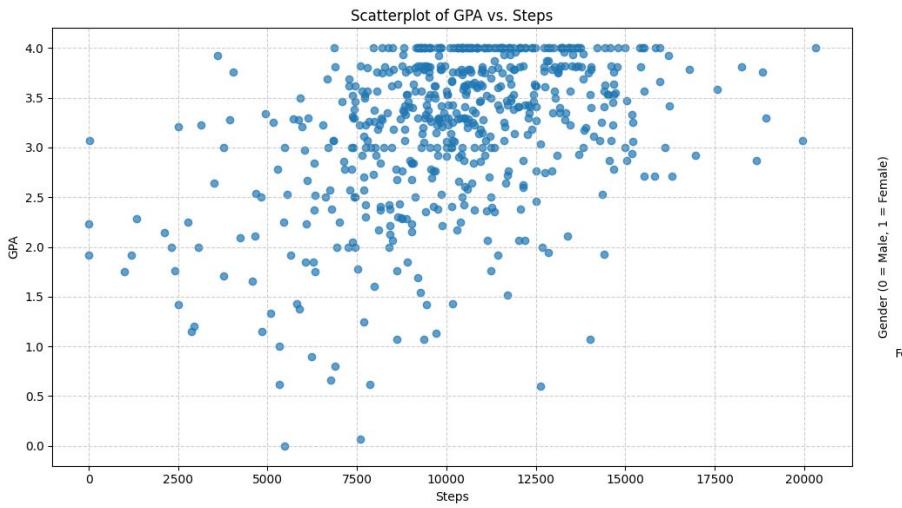
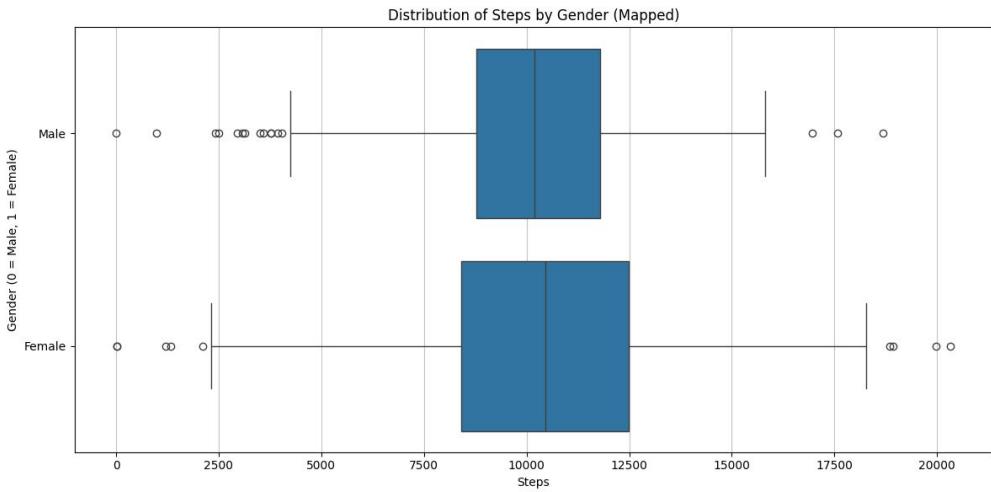


# Is there a relationship between physical activity and academic performance in college-aged students?



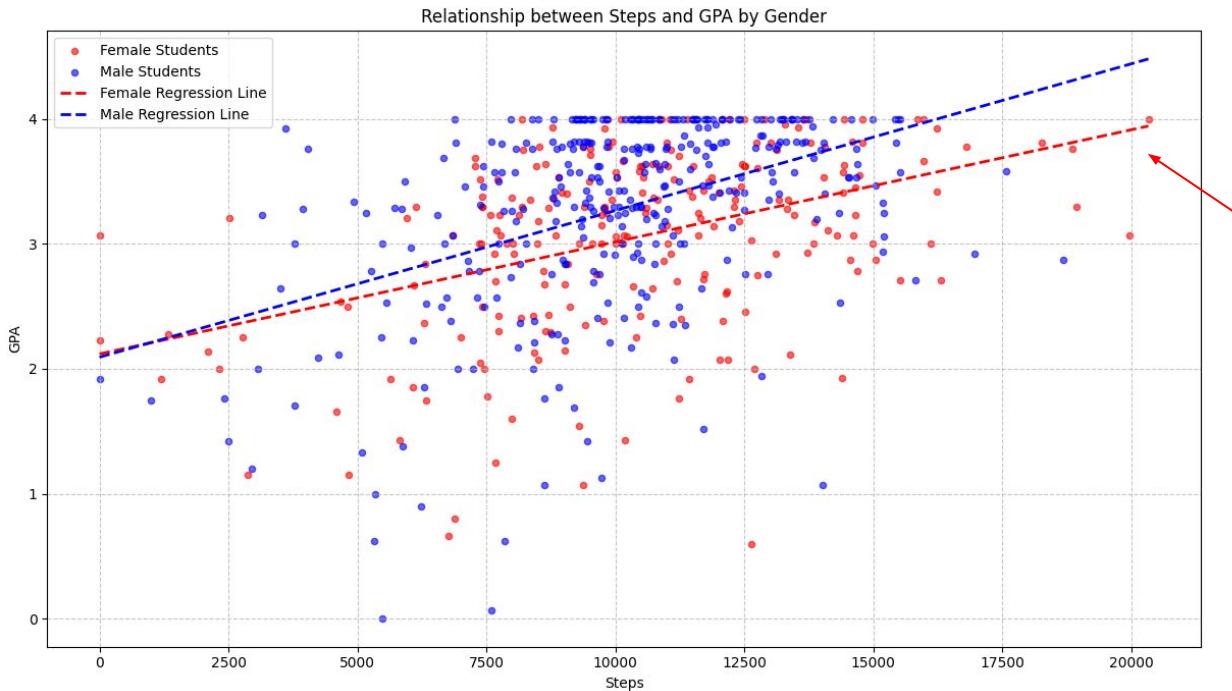
**Examines whether daily step count is related to GPA** using data from 581 first-semester college students.  
**Scatterplot provides a visual look** at the relationship between physical activity levels and academic performance.



**Gender is included as a control variable**, allowing us to account for GPA differences between male and female students when analyzing the effect of steps.

# Is there a relationship between physical activity and academic performance in college-aged students?

For every additional step, there is a 0.0001 point increase in GPA ( $\beta_2 = 0.0001$ ,  $p < 0.001$ )



Females show a slightly smaller increase in GPA per step than males, but this difference is **not statistically significant**

( $\beta_3 = -0.0000227$ ,  $p = 0.133$ )