

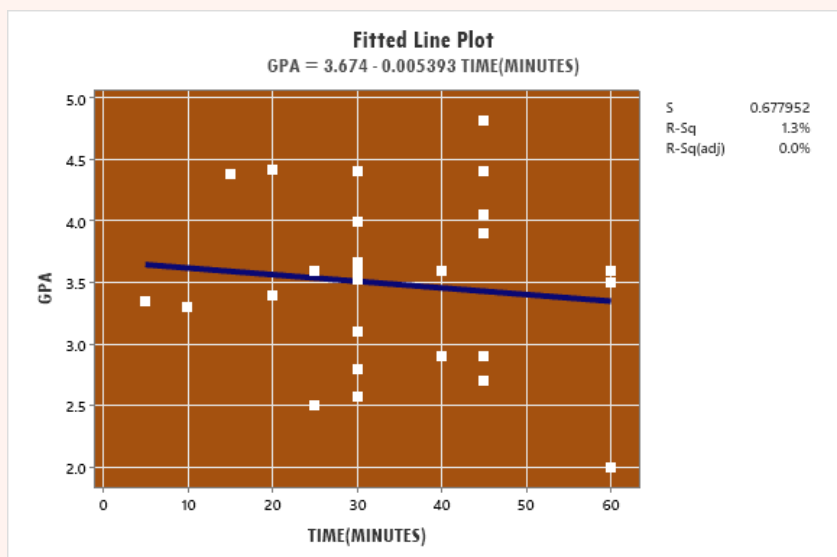
IS THERE A RELATIONSHIP BETWEEN HOW LONG IT TAKES FOR A STUDENT TO GET READY FOR SCHOOL AND THEIR GPA?

WITH OUTLIERS

$R = 0.7937$ $R\text{-SQ} = 0.63$

The regression equation is

$GPA = 3.580 - 0.00321 \text{ TIME(MINUTES)}$

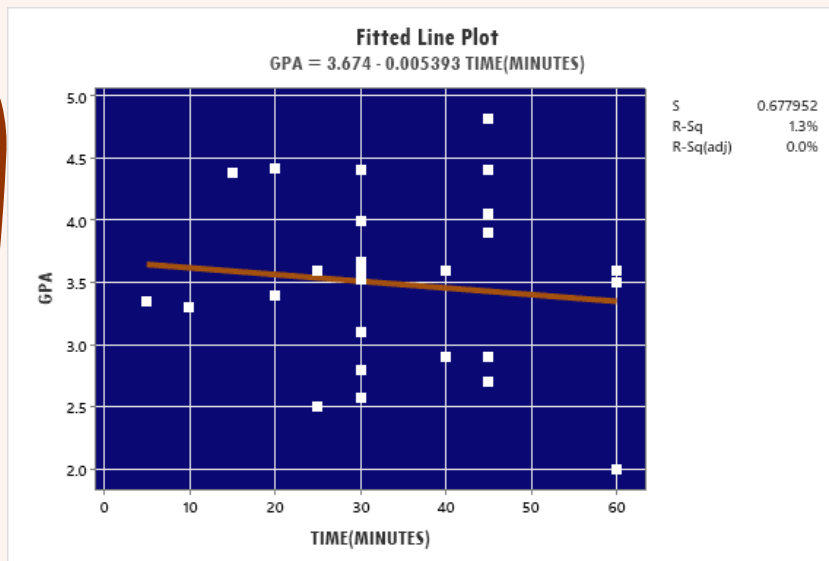


WITHOUT OUTLIERS

$R = 1.1314$ $R\text{-SQ} = 1.28$

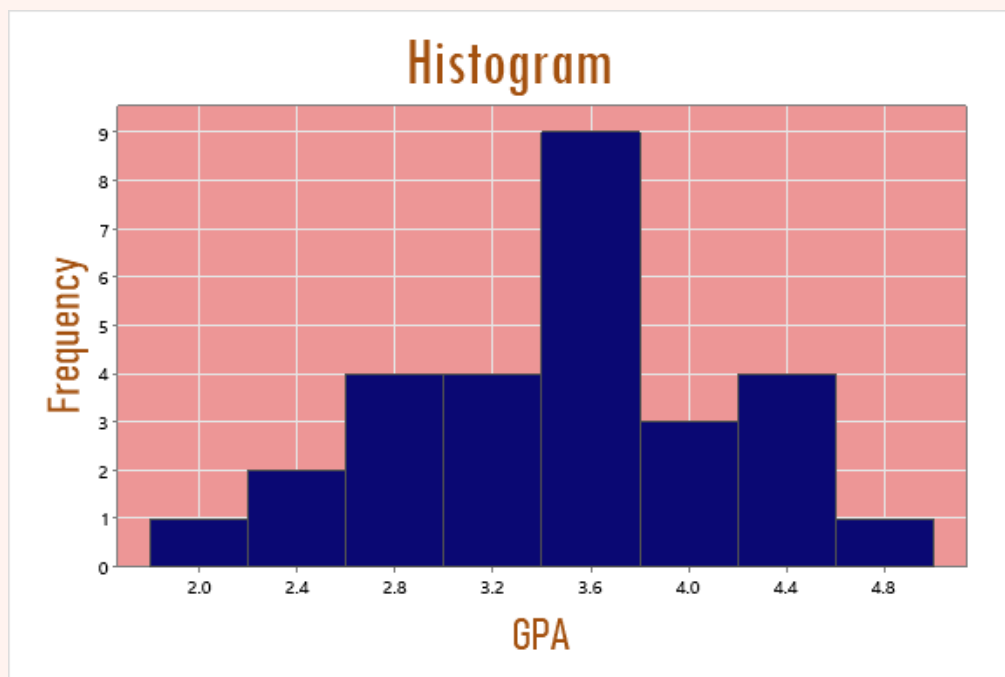
The regression equation is

$GPA = 3.674 - 0.005393 \text{ TIME(MINUTES)}$



DATA 2

As you can see there is a strong relationship between people who have a 3.6 GPA and people who take a hour and a half to get ready.



Weaknesses and Bias?

Choosing student in a more effective way to incorporate a bigger variety.

2 key variables

1. High School senior students cumulative GPA
2. How long it takes a high school student to get ready for school

Conclusion...

As seen in the previous 3 graphs there is a extremely weak correlation between a students GPA and the time it takes for them to get ready.