***SAT-Math Score vs Students***





Every time the SAT scores go up by 1 point, enrollment falls by 11 students (I rounded up -10.6571875)

The p-value is 0.169129945. The explanatory variable is not statistically significant from 0 at the 5% significance level since the p-value is greater than the significance level.

***Book Costs vs Students***





Every time the Book costs go up by 1 dollar, enrollment falls by 3 students (I rounded up -2.622531327).

The p-value is 0.062429186. The explanatory variable is not statistically significant from 0 at the 5% significance level since the p-value is greater than the significance level.

***Violent crimes in the area vs Students***





**Note: I scaled it by multiplying Violent crimes in the area by 1000**

Every time the Violent crimes in the area go up by 1%, enrollment falls by 176 students (I rounded up -175.8248504).

The p-value is 0.13691642. The explanatory variable is not statistically significant from 0 at the 5% significance level since the p-value is greater than the significance level.

***Acceptance Rate vs Students***





Every time the Acceptance rate goes up by 1%, enrollment increases by 41 students (I rounded up 41.70601).

The p-value is 0.064971968. The explanatory variable is not statistically significant from 0 at the 5% significance level since the p-value is greater than the significance level.

***Student-faculty ratio vs Students***





Every time the student-faculty ratio goes up by 1, enrollment increases by 137 (I rounded up 136.7743794).

The p-value is 0.157148. The explanatory variable is not statistically significant from 0 at the 5% significance level since the p-value is greater than the significance level.

***Poverty Rate in the area vs Students***





**Note:** I tried to scale it, so I multiplied poverty by 100.

Every time the poverty rate goes up by 1%, enrollment decreases by 2 (I rounded up -1.53771103).

The p-value is 0.967850731. The explanatory variable is not statistically significant from 0 at the 5% significance level since the p-value is greater than the significance level.

***Tuition vs Students***





Every time the tuition goes up by a dollar, enrollment increases by 1 (I rounded up 0.14890589).

The p-value is 0.286441625. The explanatory variable is not statistically significant from 0 at the 5% significance level since the p-value is greater than the significance level.