R2 is the percentage of variation explained by the relationship between two variables.

R2 is never negative

**Correlation (R):**

1 or -1🡪 highly/strongly related

0 🡪 Lame/unrelated

**R Squared:** 1-RSS/TSS

R2 is similar to R but the interpretation is easier:

* R=0.7 is twice as good as R=0.5
* R2 = 0.7 is 1.4 times as good as R2 = 0.5

It is easy and intuitive to calculate.