WHAT DO WE OBSERVE ABOUT OUR DATA?

- What factual statements can you make based on the data?
- How many data points?
- How often?
- Trends or patterns?

REFLECTING UPON THE DATA ...

- Calculate the total number of words you wrote per week.
  - \( y = y_1 + y_2 + y_3 + \ldots + y_n \)
- Did anything surprise you about the data?
  - More than expected?
  - As expected?
  - Less than expected?
- Calculate the average number of words you wrote per week.
  - \( \frac{y_1 + y_2 + \ldots + y_n}{n} \)
  - Scores of 5 - 6 on the SAT have on average 350 - 400 words.\(^1\)

\(^1\)www.dummiesreview.com/celebrity-weight-measure-of-success
WHAT IS THE MEANING BEHIND THE DATA?

What is the data telling us?
- How does your result relate to the benchmark of 250 - 450 words?
- Is there a relationship between the chosen subject and number of words?
- Can you predict your future progress?

What else might we need to know to interpret the data?
Has this process helped you become a better writer?
Is there a strategy that helped you write more words?

A DIGRESSION: LINEAR REGRESSION

Actual Increase in Writing Fluency

![Graph showing actual increase in writing fluency over weeks]

WHAT ARE THE NEXT STEPS?

What decisions can we make using the data?
- Can we use the data to define our goals for writing?
- What are these goals?
- How can these be achieved?