This is the last discussion for Data 6 Summer 2023 :,(

To wrap up, we will try to tie together all of the topics from past Data 6 discussions under the umbrella of *Human Contexts and Ethics*. Human Contexts and Ethics (HCE) is a fundamental part of data science, and a way of learning about data that we hope to weave into the fabric of the Data 6 curriculum. We hope that the Data 6 discussions serve as a starting point to spark your interest in learning more about the social contexts and implications of working with data.

1   Interpreting Data in Context

1. To begin, reflect on the guest lecture on Human Contexts and Ethics from Professor Edmundson. What did you learn or find interesting while looking at the Bay Area Air Quality Management District website? What did you take away from exploring the website, asking questions, and learning about Human Contexts and Ethics from Professor Edmundson?

2. Do you have any lingering questions about the data? Is there any additional information you feel you need to better understand the data?

3. What do you think Prof. Edmundson meant when he said "all data is <u>made</u>"?

4. Why is it important to question "what's <u>not</u> in the data" you're working with?

2   What Does HCE Mean to You?

5. After yesterday's lecture and everything we have seen in Data 6 so far, how would you define "Human Contexts and Ethics"?

6. Is learning about HCE important to you? Why or why not?

7. Give an example of when you've considered the ethical implications of your work as a data scientist, or how you have been impacted the social implications of data or technology. What did you take away from that experience?