

Solving Community Problems.

Data can be used to make a case or for discovery.

Differences between making a case and discovery.

Making a case (Advocacy)—Use data to document situations that contribute to make a positive or negative case for something. (e.g., Let the transit company know about timing of buses; tell the principal about something that needs to be done at the school)

Discovery—Collect data to document situations and then use the data to learn something. (e.g., could your food choices be improved? do I always take an efficient route to activities?)

Below are some examples of problems that a community might face.

1. Opioid and drug addiction: Last Names (A – C) (Oakland)
2. Food deserts: Last Names (D – E) (Oakland)
3. Lack of health facilities: Last Names (F - J) (Oakland)
4. Crime and violence rate: Last Names (K – L) (Stockton)
5. Homelessness: Last Names (M – M) (San Francisco)
6. Lack of affordable housing: Last Names (N – R) (San Francisco)
7. Poverty: Last Names (S – Z) (Stockton)

First, choose your problem from the list. Next, using the **Discovery method**, research the problem while addressing the questions below for your city. You will need to do some thorough research and gather data. **Be specific and write in complete sentences.**

- A. How would you approach the problem?
 - a. What research questions might you ask in each case?
- B. What kind of data might need to collect?
 - a. Why did you choose to collect that type of data?
- C. How would you collect data?
 - a. Where would you go? Who would you ask?
- D. How would you analyze the data?
 - a. What can you confidently say based on your data?

Draft your answers in a word document making sure to write your paragraphs in complete sentences. Make sure to list some of your findings and data.