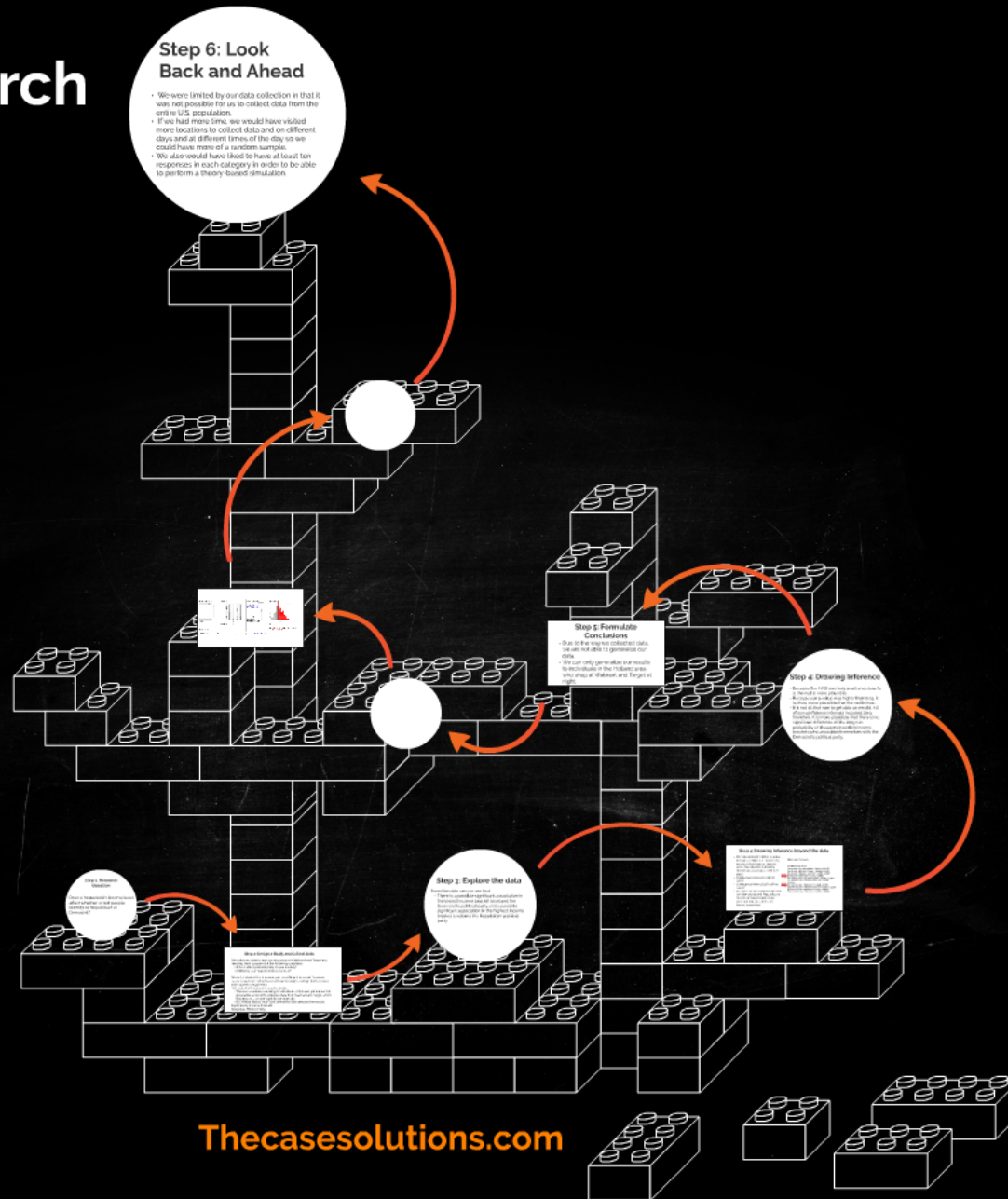


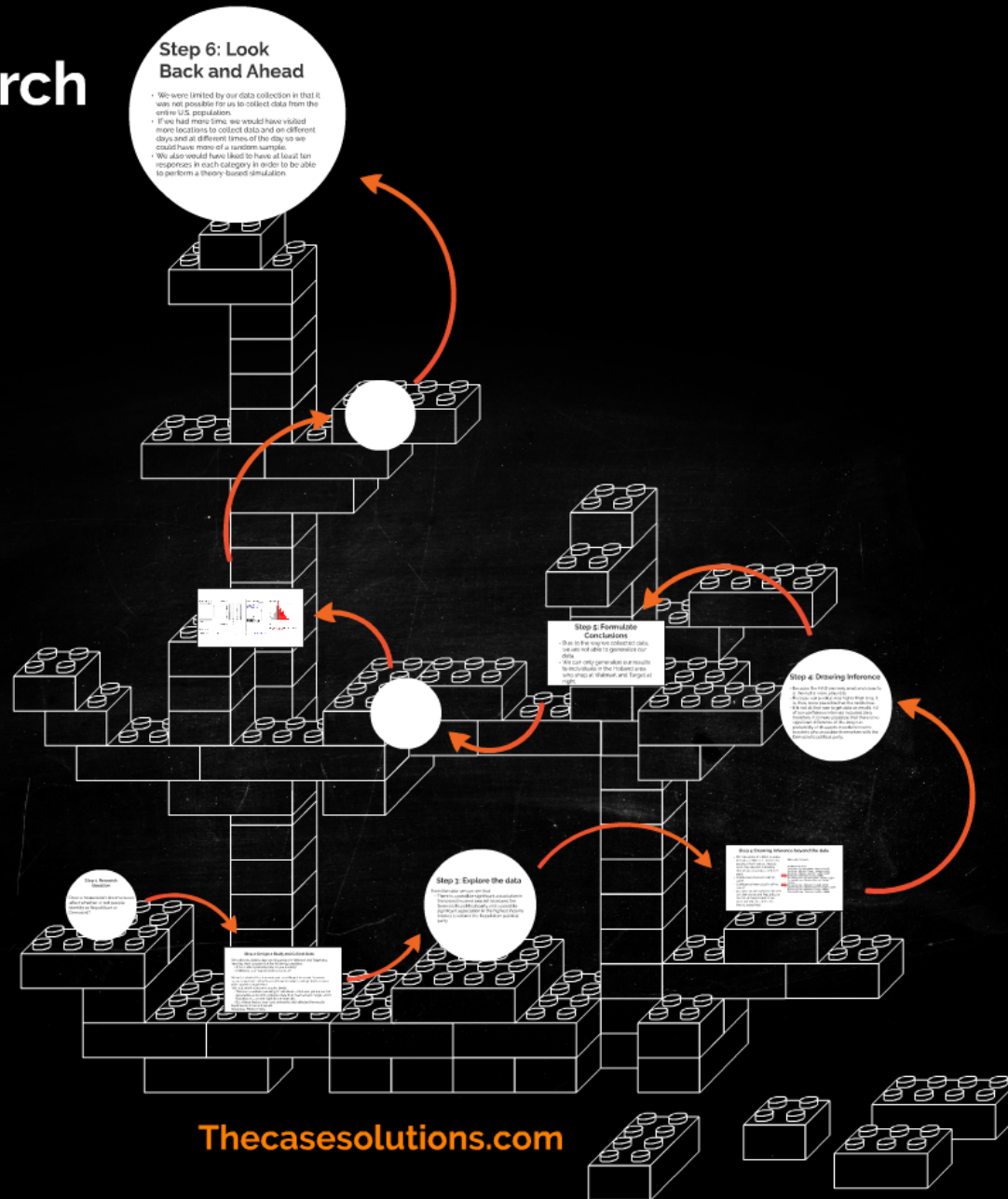
# Statistical Research Assignment

By: Annie Dokter, Hayley Schultz, and Gace Commire



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## **Step 1: Research Question**

Does a household's income level affect whether or not people identify as Republican or Democrat?

## Step 2: Design a Study and Collect Data

We collected data by approaching people in Walmart and Target and handing them a paper with the following questions:

- 1) With which political party do you identify?
- 2) What is your household income level?

We only included the two main parties of Republican and Democrat because we have not yet learned how to analyze categorical response with more than two levels.

We included five income bracket levels

- This was a random sampling of individuals in Holland, yet we cannot generalize as we only collected data from Walmart and Target and it was also only on one night (November 5th).
- Both these factors may have unintentionally affected the results.

Explanatory: Income brackets

Response: Political Party