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Step 3: Analyzing Our Data

Let's assume we've finished up and our data set is now squeaky clean. Bravo! Time to move on.

For Step 3, we'll **analyze** our data. We might do things like:

- Structure, segment, or isolate parts of our data.
- Visualize our data using various methods.
- Calculate and compare our selections.

Depending on the problem we're trying to solve (and the type of data we're working with), our analysis could take many different forms. When in doubt, think back to your original goals in Step 1: What is your hypothesis? What are you trying to prove or measure from this data?

To do this, you might start by calculating some basic statistics or visualizing relationships between specific variables. In later lessons, we'll cover how to perform these steps in Python.

