

Name(s) _____ Period _____ Date _____

Activity Guide - Exploring One Column



Bar Charts

Do This

- Make a bar chart for each column in the "Dogs" dataset and categorize it as either "useful" or "not useful" by placing that column name in the table below.

Useful	Not Useful

Chart

Paste one of the charts that you believe is "useful" in the space below.

Questions

- What is one piece of information someone could learn from the chart you pasted?
- Do you notice any patterns in which charts are or are not useful?

Histograms

Do This:

- Make a histogram for the "Max Weight" column of the "Dogs" data set and choose the "Bucket Size" that you think is most helpful for interpreting the data.

Chart

Questions

3. What bucket size did you choose? Why do you think this is the most helpful bucket size for this chart?
4. What is the most common range of maximum weights for dog breeds?
5. What is the least common range of maximum weights for dog breeds?

Do This:

- Make a histogram for one other column in the Dogs dataset and choose the "Bucket Size" that you think is most helpful for interpreting the data.

Chart

Questions

1. What bucket size did you choose and why?
2. What is one question the chart you created could help answer?