

CREATE: Histogram Jigsaw

Data can be a great way to understand the world around us. But it can also be confusing! Histograms are one way that we can make sense of data; they make it easier to make observations and summarize trends.

In this activity, you'll work with your group to uncover more about your focus topic using data. You'll turn a data set into a histogram about student loans, car prices, mortgages, or credit scores.

Part I: Create Your Histogram

1. **Your teacher will assign you to a group to work on one of the [Data Sets](#). With your group members, create a poster that includes the following information:**

- ☐ A histogram of your data set
- ☐ The mean and median of your data set
- ☐ The bin size you chose and why
- ☐ One sentence summarizing the data shown

Part II: Compare

Follow your teacher's instructions to explore the other groups' histograms. Then, answer the questions.

2. **Which histogram(s) have a mean that is greater than the median? What do you notice about those histograms?**
3. **Which data set(s) have at least one outlier?**
4. **Choose one histogram and sketch the corresponding box plot.**