

Caffeine Data Analysis

How are you going to analyze your caffeine data? Here are some *possible options*, but your teacher might have something specific for you to do.

1. Make some bar graphs:

- Graph total caffeine per drink
- Graph caffeine per fluid ounce
- Graph caffeine per serving
- Graph number of servings before you go to the ER

2. Calculate central tendency:

- Mean (or average)
- Median
- Mode
- Identify Outliers
- Graph central tendency using a box and whisker plot.

3. Explore equivalence:

- How many of one type of drink would it take to equal the amount caffeine in another type of drink?
- (How many cups of *cola* does it take to equal the amount of caffeine in a cup of *coffee*?)