



SEARCH



RESOURCES

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## Descriptive vs. Inferential Statistics

In this section, we learned about how **Inferential Statistics** differs from **Descr**

### Descriptive Statistics

**Descriptive statistics** is about describing our collected data using th throughout this lesson: measures of center, measures of spread, shape of our outliers. We can also use plots of our data to gain a better understanding.

### Inferential Statistics

**Inferential Statistics** is about using our collected data to draw con **population**. Performing inferential statistics well requires that we take a samp represents our population of interest.

A common way to collect data is via a survey. However, surveys may be extrem the types of questions that are asked, and the way the questions are asked. Th think about when tackling the the first project.

We looked at specific examples that allowed us to identify the

1. **Population** - our entire group of interest.
2. **Parameter** - numeric summary about a population
3. **Sample** - subset of the population
4. **Statistic** numeric summary about a sample