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Lesson 10:
Sampling distributions and the Ce...

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Text: Descriptive vs. Inferential Statistics

SEARCH

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RESOURCES

CONCEPTS

✓ 5. Text: Descriptive vs. Inferentia...

✓ 6. Video + Quiz: Introduction to Sa...

✓ 7. Video + Quiz: Introduction to Sa...

✓ 8. Video: Introduction to Sampling...

✓ 9. Notebook + Quiz: Sampling Dist...

✓ 10. Text: Sampling Distribution No...

11. Video: Introduction to Notation

12. Video: Notation for Parameter...

13. Quiz: Notation

14. Video: Other Sampling Distrib...

15. Video: Two Useful Theorems - ...

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Mentor Help

Ask a mentor on our Q&A platform

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Peer Chat

Chat with peers and alumni

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 the r
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 conclu
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