Module
Data Analysis

Lesson
Data Analysis

Lecture
Fictional Drug Trials

Last time, we looked at the usefulness of mean and standard deviation

This time, we'll apply that knowledge to fictional drug trial data

Source:

https://docs.google.com/document/d/1zWWD4wg61Kc_UuO0vUQ0MmJGY7pXIKtaQP08fBPPR3E/edit#

- Fictional Drug Trial
  - 3 drugs to cure persistent hiccuping
  - Each data point is how many hours it took to cure that patient of the hiccups
- Download Start Sheet from Lecture Resources
- Calculate Mean and Standard Deviation for each drug

- Assume one of the drugs is a placebo
  - Which one do you think it is?
  - Why?

- Is Drug 2 or Drug 3 the better cure?
- Why?

- Recap
  - We got more practice using mean and standard deviation to analyze data
  - We did some deeper data analysis to identify the "best" drug in the trial