





Introduction

- ✓ **Video:** Welcome to the Course!
2 min
- ✓ **Video:** Understanding and Visualizing Data Guidelines
3 min
- ✓ **Reading:** Course Syllabus
5 min
- ✓ **Reading:** Meet the Course Team!
10 min
- ✓ **Reading:** About Our Datasets
2 min
- ✓ **Reading:** Help Us Learn More About You!
10 min

What is Statistics?

- ✓ **Video:** What is Statistics?
9 min
- ✓ **Video:** Interview: Perspectives on Statistics in Real Life
28 min
- ✓ **Reading:** Resource: This is Statistics
10 min

What is Data?

- ✓ **Video:** (Cool Stuff in) Data
8 min
-  **Reading:** Let's Play with Data!
10 min
-  **Discussion Prompt:**
Discussion: Three Guiding



Let's Play with Data!

To get us started, here are some sites you can try out to play with data!

- Want to see how different Americans spend their days? Check out this cool website to see some interesting ways to visualize data:
<https://flowingdata.com/2015/12/15/a-day-in-the-life-of-americans/>. *In addition to reading the article, you can interact with the data visualization. Try changing the speed from slow to fast to speed up past the morning times.*
- You can also compare different occupations over time here:
<https://flowingdata.com/2017/05/17/american-workday/>
- You can also break down the data into different subpopulations using this interactive tool here:
<https://flowingdata.com/2015/11/30/most-common-use-of-time-by-age-and-sex/>. *With this visualization, you can change the time, sex, and age. This can be useful to answer a questions like: How do older females (65+) spend their mornings (10:00-10:29 am) compared to younger females (ages 15-24)?*

Mark as completed

