## Week 1

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## **Objectives:**

1. Learn about the difference between dataset, and how to evaluate a dataset for quality

## Complete the following problems

References, a video, a PowerPoint and some notes are available at my website https://www.aholdengouveia.name/AdvData/IntroData.html

- 1. Pick 3 datasets, you may use your own resources or pull from the listed resources. Make sure to list 2 pros and 2 cons, minimum for each dataset. Resources https://www.aholdengouveia.name/AdvData/Resources.html
- 2. Watch one of listed the TED talks and give it a 1 page review
  - https://www.ted.com/talks/madhumita\_murgia\_how\_data\_brokers\_sell\_your\_identity/transcript?language=en
  - https://www.ted.com/talks/sebastian\_wernicke\_how\_to\_us e\_data\_to\_make\_a\_hit\_tv\_show/transcript?language=en
  - https://www.ted.com/talks/finn\_lutzow\_holm\_myrstad\_how \_tech\_companies\_deceive\_you\_into\_giving\_up\_your\_data\_a nd\_privacy/transcript?language=en
  - https://www.ted.com/talks/hans\_rosling\_let\_my\_dataset\_change\_your\_mindset/transcript?language=en

- https://www.ted.com/talks/mainak\_mazumdar\_how\_bad\_data \_keeps\_us\_from\_good\_ai/nscript
- https://ideas.ted.com/how-open-government-data-creates-smarter-societies/

## **Deliverables**

- $\bullet$  Text document of your TED talk review
- Document for your datasets, include a pro/con list for each one.