Hw1 Review
CS100
Famous people influence a name’s popularity
The number of male babies named Martin first peaks in 1957, Martin Luther King’s first prominent demonstration year. He travels 780,000 miles and delivers 208 speeches.

The second peak is in 1963, when he delivers his “I Have a Dream” speech.
John vs. William

Comparison of Babies named John vs. William

- **Number of Babies**
- **Year**
  - 1880
  - 1900
  - 1920
  - 1940
  - 1960
  - 1980
  - 2000
  - 2020

- **Graph Legend**
  - Blue dots: John
  - Orange dots: William
Why do the plots look similar?

Measuring a name’s popularity based on absolute counts may be misleading, because the population changes over time.

- Important to **normalize** the data, to understand a name’s popularity relative to the size of the total population at the time.
- The curves traced by the names John and William likely follow the same arc as the total population from year to year.

Many of you did make a note of these kinds of influences!