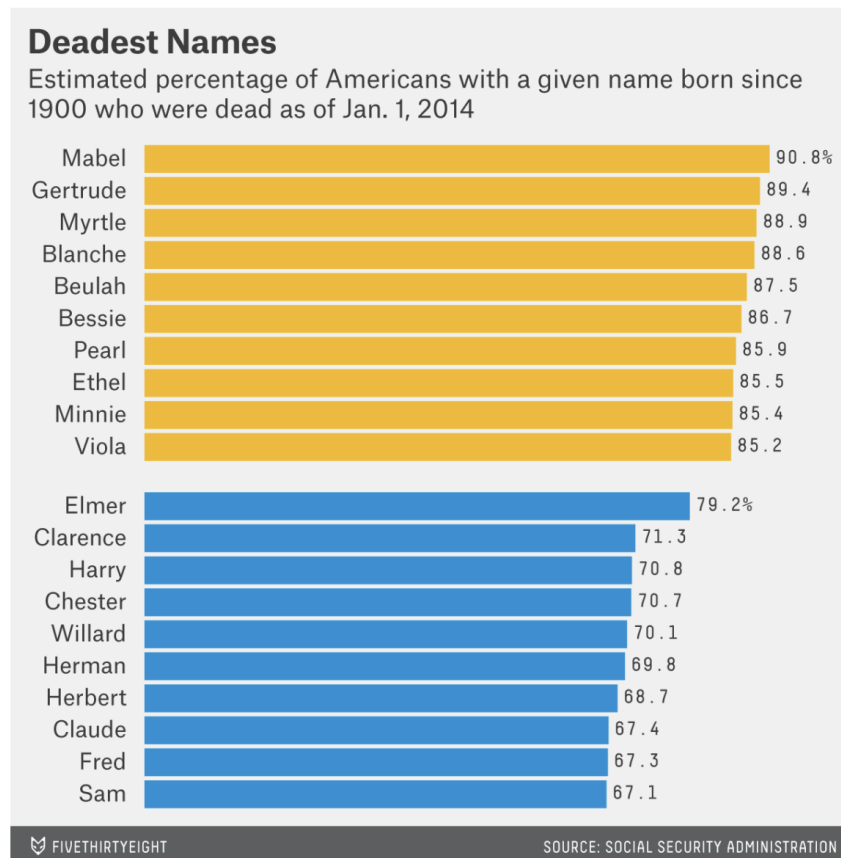


# Lab 1

## Data Science I

We will use the `make_babynames_dist()` function in the `mdsr` package to recreate the “Deadeast Names” graphic from FiveThirtyEight.



1. Create the dataframe using the `make_babynames_dist()` function.
2. Wrangle the data into the format that we need to make the plot!
  - Group by sex and name
  - Calculate the total number of people with each name
  - Calculate the percent of people who are dead today (Hint: use the `est_alive` today and `n` column of the dataframe)
  - Only use common names (I used names that occurred more than 100,000 times)
  - Select the top 10 ‘deadeast’ names (Hint: check out the function `top_n` )
3. Make the plot!
  - Plot the percent dead today (y) versus the name (x). Make sure to order the names by the percent dead today.

- Make a bar plot
- Flip the coordinates
- Change the colors (Hint: Check out hex color codes `#e1ad01` and `#1C86EE`)
- Add a label with the percent dead
- Add additional features to make the plot as similar to the original plot as you can!