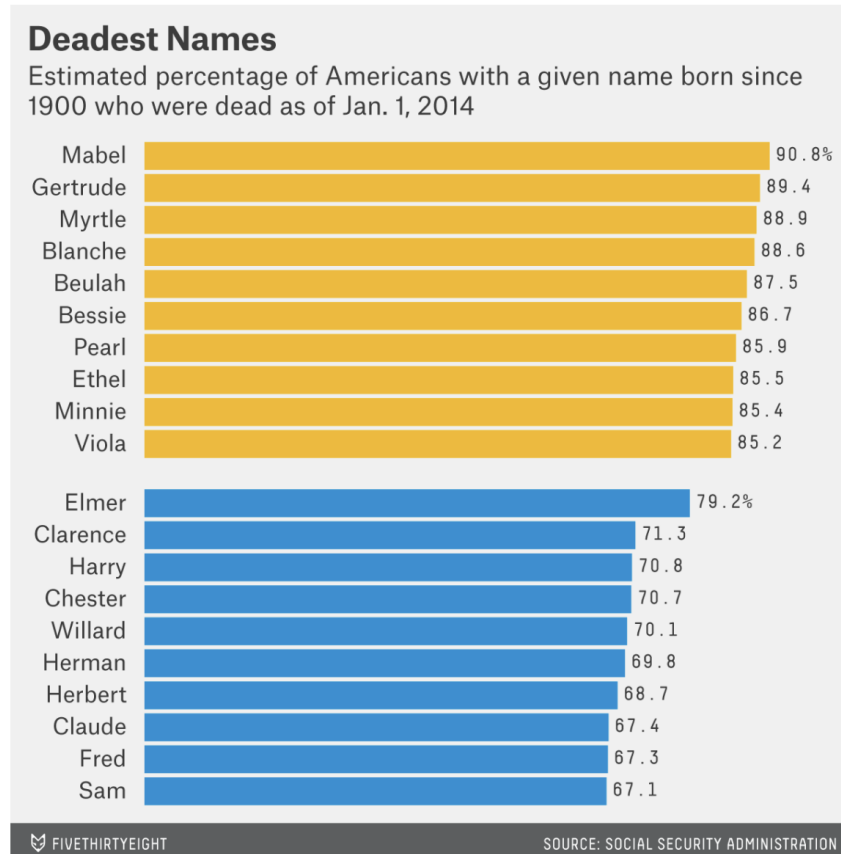


Lab 1

Data Science I

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



Steps:

- Using what we have learned about the tidyverse...
 - (a) make a dataframe with only females
 - (b) calculate the total number of each name from 1900 to the present
 - (c) only take names having over 100,000 people having that name from 1900 to present (i.e. common names)
 - (d) calculate the percent of people with that name who are dead
 - (e) select the top 10 names
- Do the same for males
- Bind the two dataframes you created together
- Use `geom_bar` and `coord_flip` to get started on your plot! Refer to lectures 3 and 4 for more functions to help make the plot.