

A1) The data contains separate TXT data files for each state. Each file has following attributes:

- State
- Sex
- Year of Birth
- Name
- Frequency of name (Count)

Some limitations of the data are:

1. No way to find extremely unique names since the data has only those names whose frequency for a particular year is at least 5.
2. There might be human error/delay in data entry. Such that the year gets misrepresented.
3. Insufficient data, or rather, unintentional missing values due to lack of census resources in historical data gathering.

A2) After running A2.R, we find that the most popular name is 'James'

A3) The R script A3.R gives us 'Leslie' as the most gender ambiguous name of 1943, and 'Charlie' as the most gender ambiguous name for 2013.

A4) After running A4.R, we see that the largest percent increase is seen by the name 'Colton', and the largest decrease by 'Latoya'.

A5) It is safe to assume that the any Most Popular Name in each state can undergo a huge increase or decrease in popularity.

A5.R tests this on 'Emma' in 2014, and it holds true.