

Final Project 1: Exploratory Visualization
Data 73200: Interactive Data Visualization
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Project Proposal

Baby Name Popularity in United States from 1910 to 2019

This project will focus on the change of popular names across the states over time. For this purpose, this project will visualize the top 10 names picked for babies (female/male) of each year from 1910 to 2019 in each of the states.

The questions this project concerns and expect to answer are:

- Is there a geographical difference of names across the states?
- What are the trends of names and how they changed over a century(1910 to 2019)?
 - For example, new names are more likely created in different times or they are repeated periodically?

This project will adopt the data provided by the Social Security Administration Office, which is collected from a 100 percent sample of Social Security card applications from year 1910 to 2019. The original data contains the top 1000 names for each state during the period, this project will only focus on the top 10 names, therefore, this project will use a subtraction of the original data.

Data comes from: <https://www.ssa.gov/oact/babynames/limits.html>