**The Missing Persons Project**

# **Team**

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# **Topic**

What are the demographic relationships of missing persons? To assess if certain characteristics such as time of year, gender, race, age, location, are more likely to result in a missing person becoming a long-term missing person.

# **Data - Links**

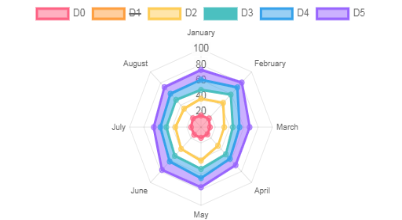
<https://public.opendatasoft.com/explore/dataset/namus-missings/export/?disjunctive.raceethnicity&sort=modifieddatetime> (missing persons data)

<https://www.census.gov/data/developers/data-sets.html> (census data)

<https://en.wikipedia.org/wiki/United_States_congressional_apportionment> (web scraping)

<https://d3-geomap.github.io/map/choropleth/us-states/> (We may use a different choropleth link. There are several from which to choose.)

# **Creating Interactive Python Choropleth Maps with Plotly - wellsr.comInspirations**



# **Sketch of Final Design**

* Extract, scrub and manipulate data with Python to create files for use in JS.
* Dashboard to various graphics with scatter plot or line plot of persons missing by year.
* Interactive pie or scatter plots and bar charts for gender, race, and age distributions. (Drop down menu)
* Radar chart using chartjs library to show average daily rate of missing persons by month
* Interactive by decade choropleth of US by state with colors indicating ratio of population missing to national average over 5 decades. (Data for 1968-2017).

# **GitHub Repository**

<https://github.com/TVanEyck/Project2-Visualization-MissingPersons.git>