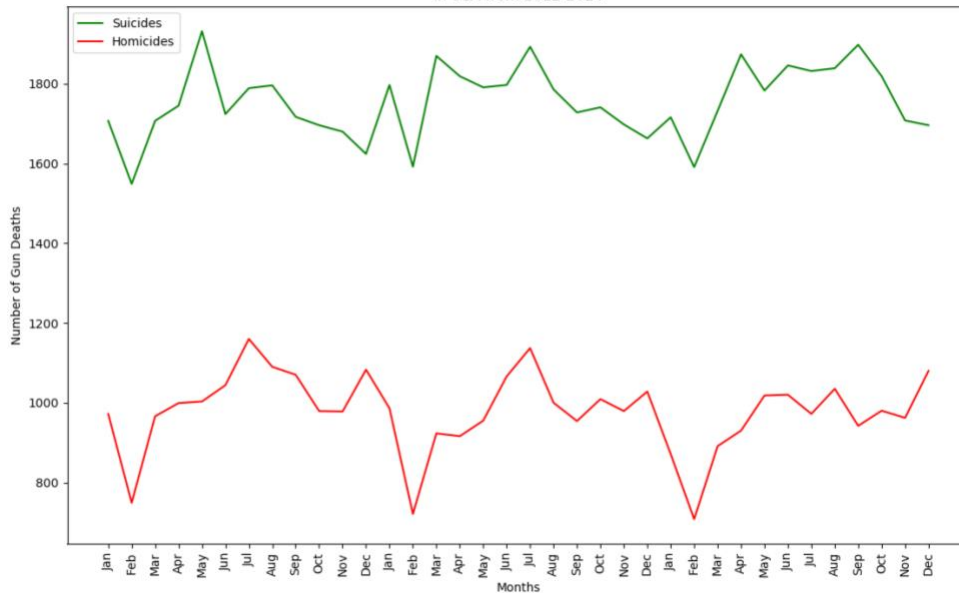


Gun Deaths
in USA from 2012-2014

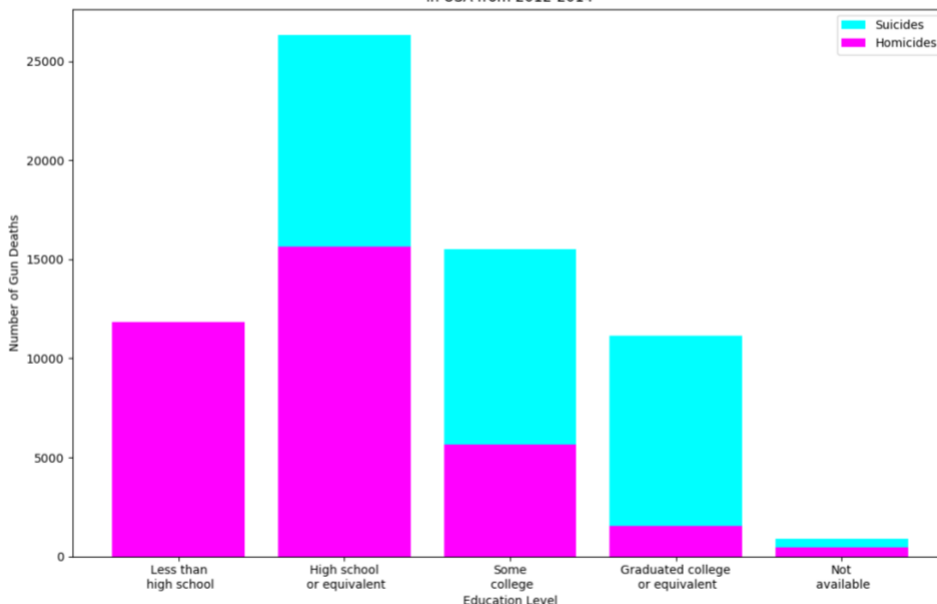


Dataset: Gun Deaths in the US: 2012-2014
URL: <https://www.kaggle.com/hakabuk/gun-deaths-in-the-us>

Description: This dataset provides information surrounding gun deaths in the US from 2012-2014 such as month/year of death, shooter's intent, age/race of victim, etc.

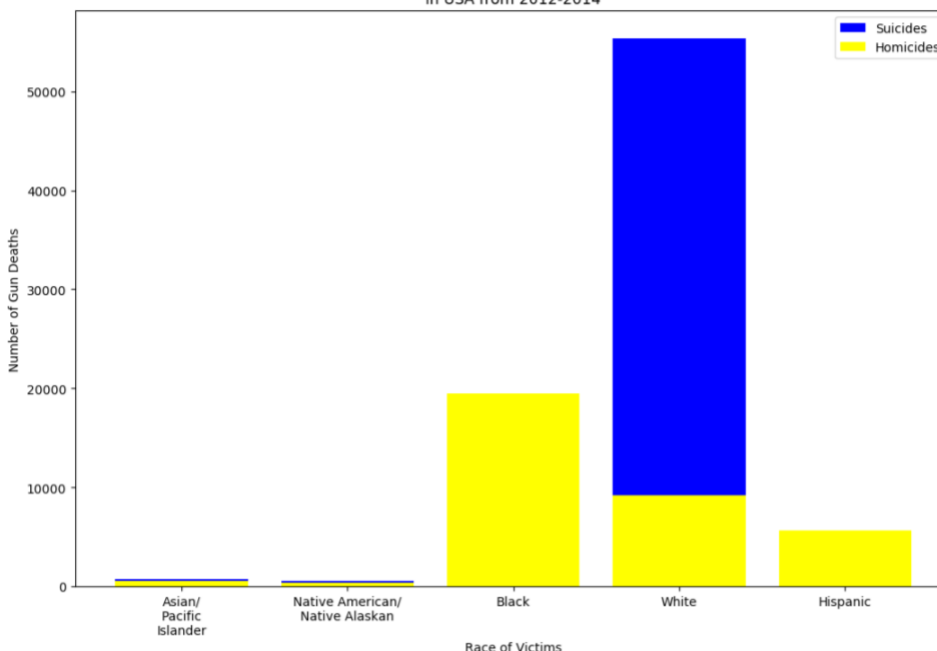
Trend: Despite having different intents, the suicide and homicide line have relatively similar trends, with very similar timing of troughs and peaks of gun death, with February consistently being an all-time low for each year. The two lines have similar peaks, from May to July 2012 as well as July of 2013 and August to September of 2014. I hypothesize that February is at a low in each trend due to the holiday Valentine's Day.

Education Levels of Gun Death Victims
in USA from 2012-2014



Trend: Of the 5 options for education level, "High school or equivalent" have the highest number of gun deaths, with "some college" following behind. This suggests that high school graduates may be the cohort with the most mental health problems such as depression, anxiety, etc., causing them to commit suicide. Depending on the number of school shootings that occur, high school graduates tend to be the highest number of homicide victims as well. This suggests that the safety of schools and universities should be increased, and that schools should be more alert in observing suicidal tendencies in their students. It is concerning that the homicide victim proportion of high school graduates is larger than that of suicide. It is nice that no "high school or less" people committed suicide via gun death in 2012-2014. The stacked bar graph allows us to see the proportion/ratio of suicide to homicide in each category.

Race of Gun Death Victims
in USA from 2012-2014



Trend: White people have the highest rate of suicide via gun death, with the other races drastically lower. Although white people have the largest number of gun deaths, black people have the highest number of homicide victims via gun death. This may be due to racial profiling and police brutality. The stacked bar graph allows us to see the proportion/ratio of suicide to homicide in each category.