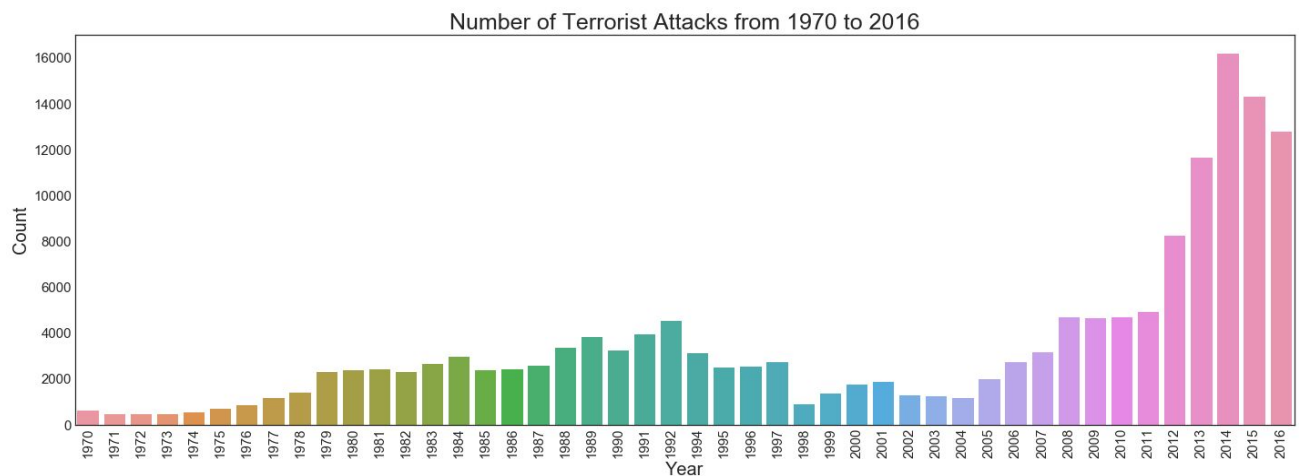


## Global Terrorism Data Visualization Step Write-up

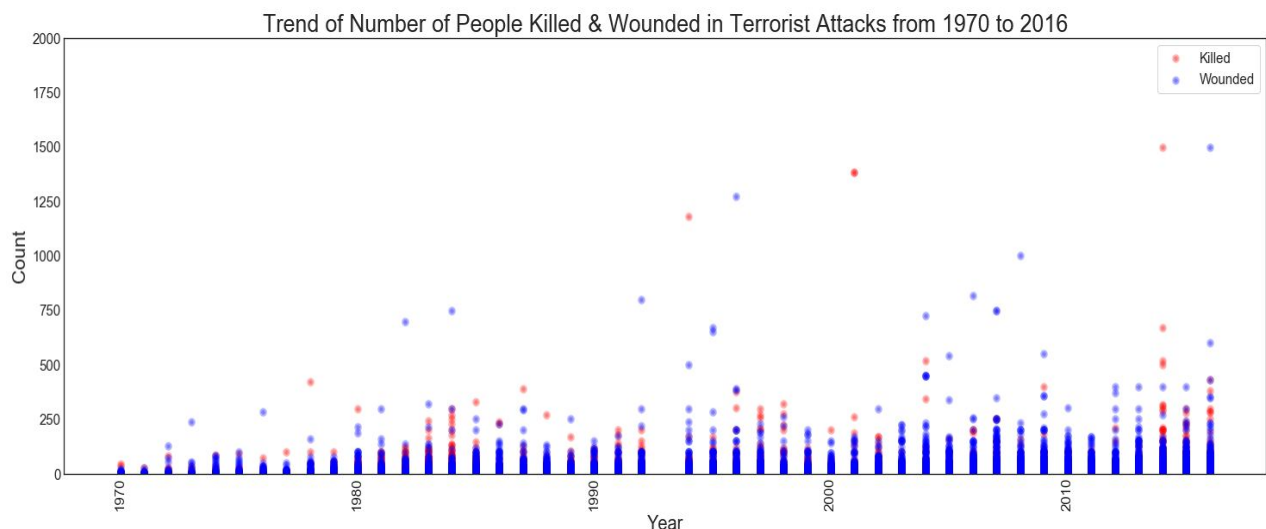
Feb 22st, 2018

Before analyzing this dataset, I had no prior knowledge of global terrorism except for hearing about it occasionally in the news. It has been an interesting project to work on because it allows me to gain some much-needed understanding of this important issue in today's society.

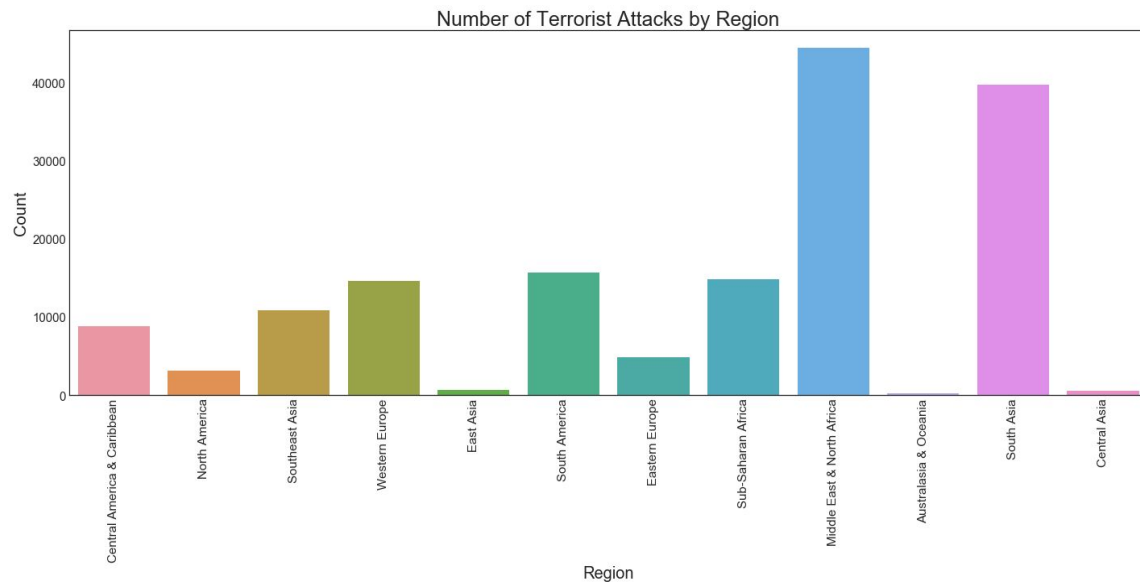
The first important question I asked was: "Has the world become a safer place today?" The answer seems to be "No". The number of global terrorist attacks has been increasing and it has increased drastically since 2012.



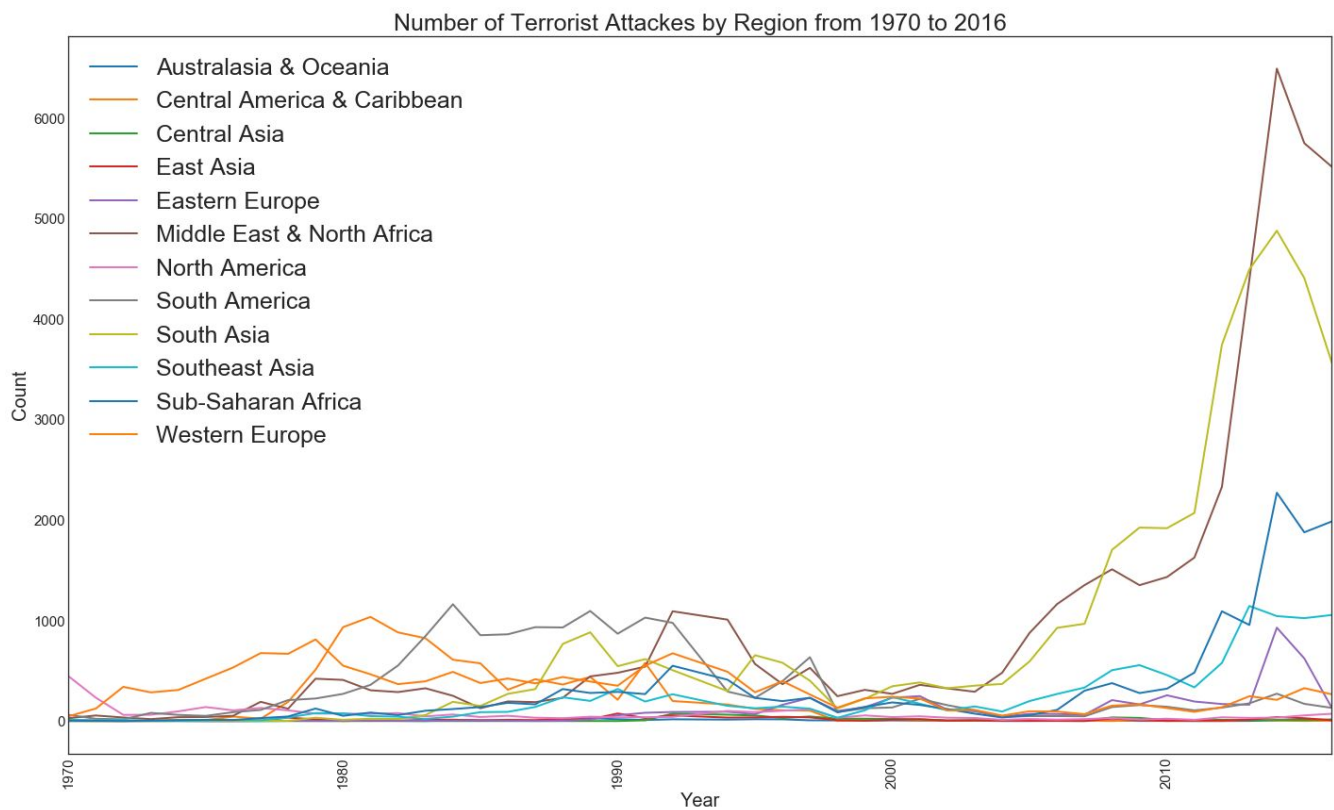
Not surprisingly, the number of people killed or wounded in these attacks are also increasing over the decades.

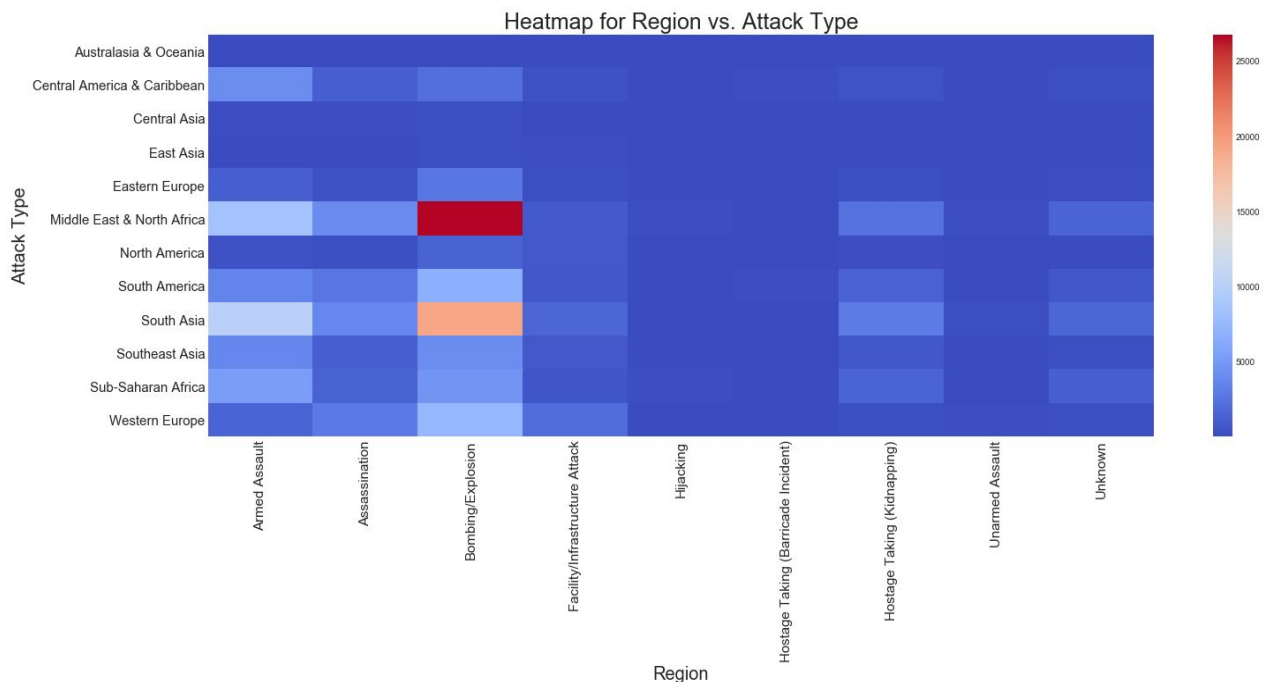


Now that we've seen a time trend, my second question was: "Is there a geographical trend?"

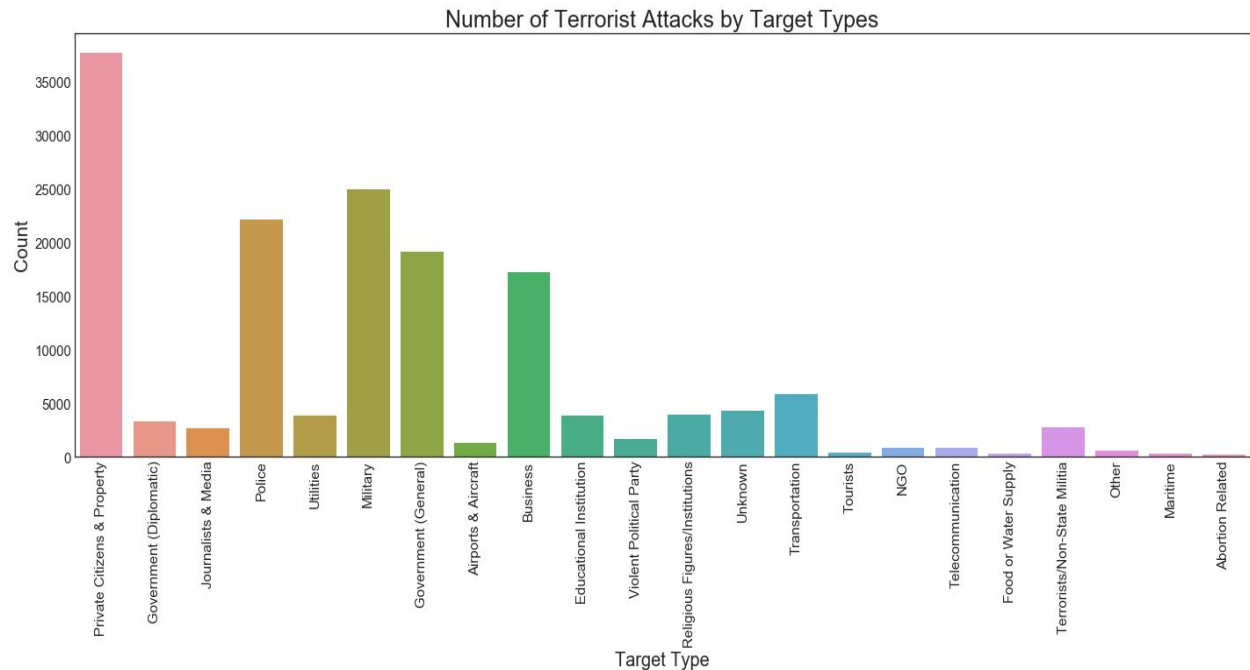


The answer is "Yes". We see that regions such as Middle East/North Africa and South Asia are most vulnerable to terrorist attacks. East Asia, Central Asia and North America are relatively safe regions. However, tying to the time-trend we discussed before, a lot of regions suffer from increasing terrorist attack occurrences in the recent decade.





From this bar chart, we can see that private citizens/properties and military are the most frequent targets.



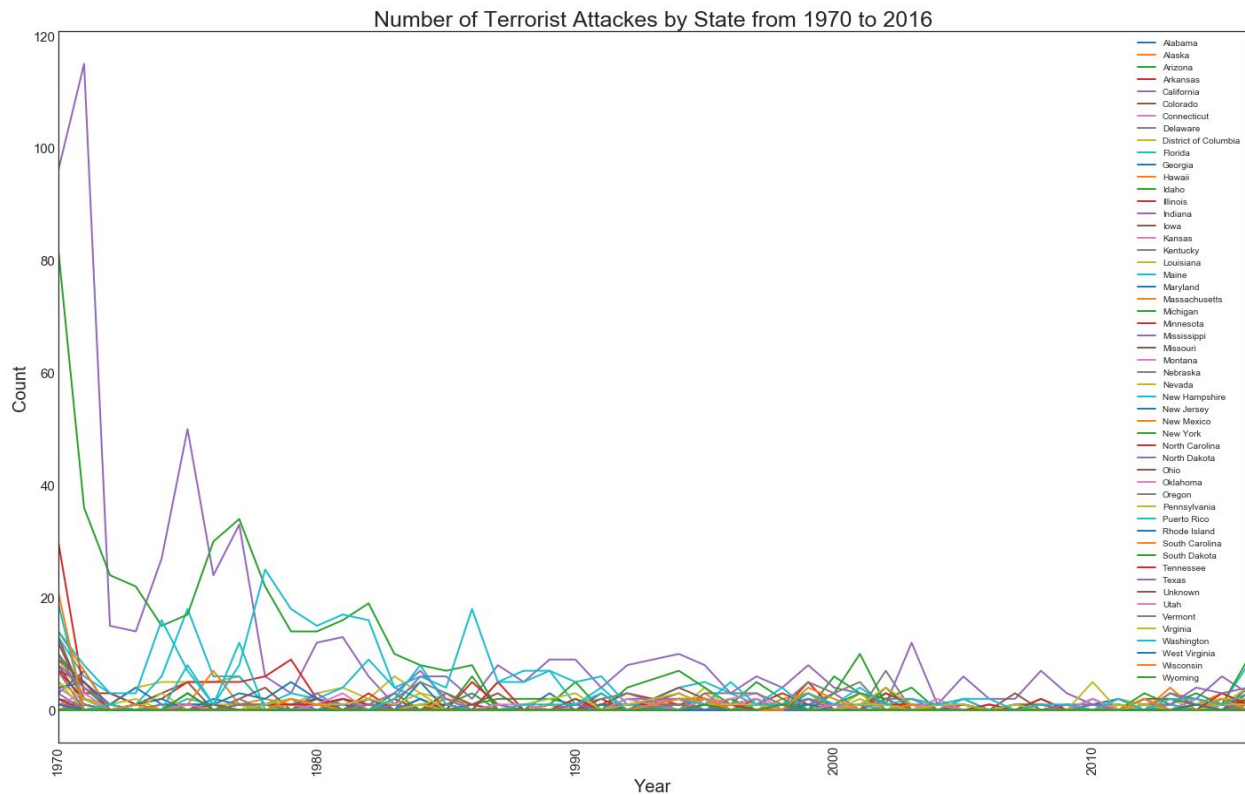
Once I gained some insights into the 'global' terrorism trends, I want to explore a bit closer to home.

The map below showed that California and New York had the most number of terrorist attacks from 1970 to 2016.

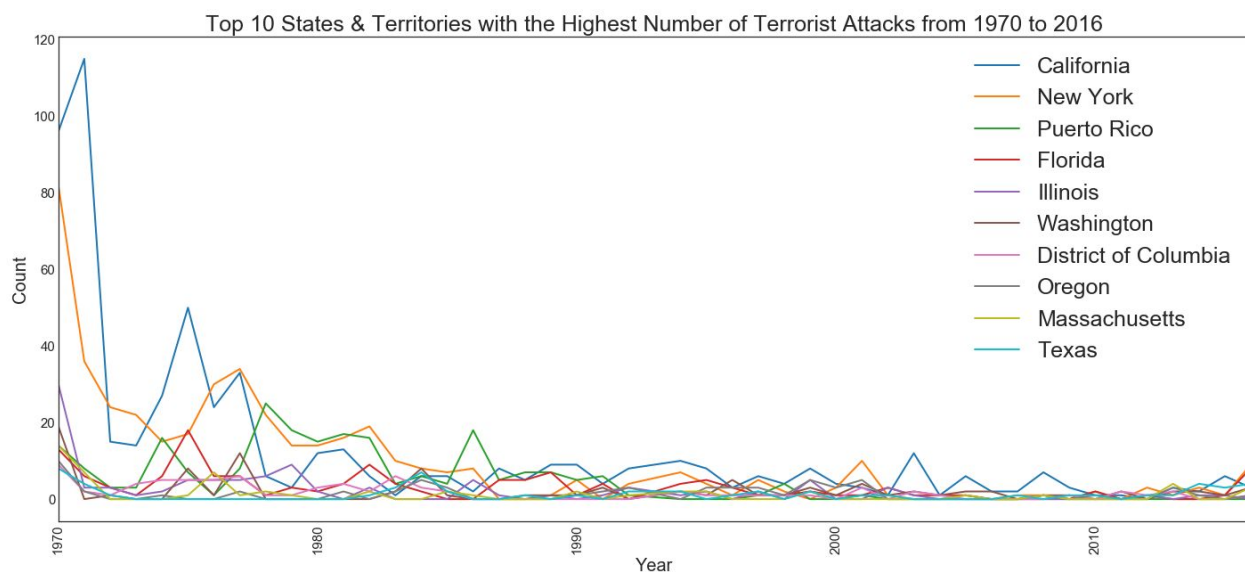
Number of Terrorist Attacks in the U.S. from 1970 to 2016



To investigate further, I did a line chart with 'year' on the x-axis and 'number of attacks' on the y-axis. The chart shows that the United States has actually become a lot safer nowadays compared to what it were in the 1970s and 1980s.



If this line chart with all the states and territories are too confusing to look at, I made a new chart below zooming in on the top 10 states and territories that have the highest number of attacks from 1970 to 2016. Note that the legend is in a descending order of the number of attacks occurred during this period of time.



Overall, I gained valuable information on terrorism on both a global and a domestic scale after analyzing this dataset. Of course, there are much more I can do with this dataset, but for now, I'm happy with what I've done so far.