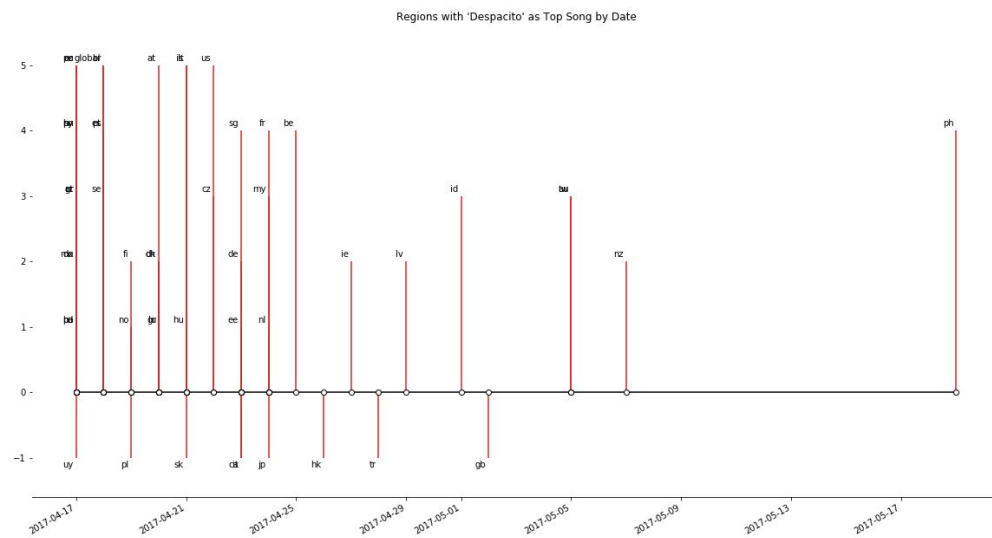
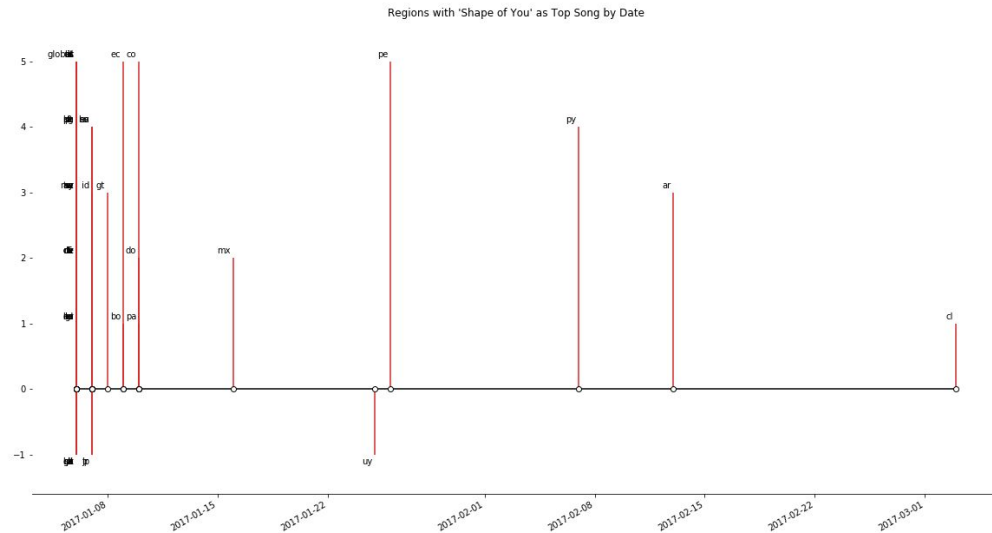


## Our Hypothesis

We were wanting to see if there was a travel pattern of how top hits move throughout the globe. (i.e. does a certain song become #1 in US, then in Italy, then in Great Britain etc)

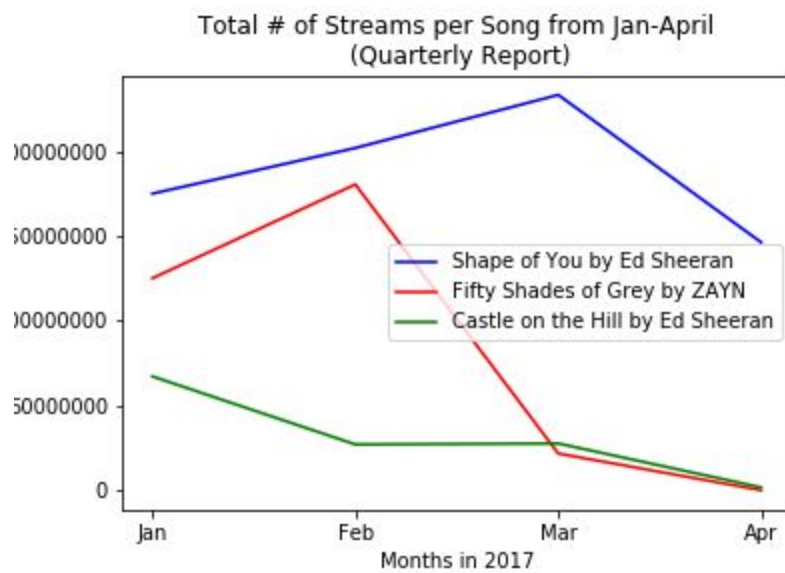
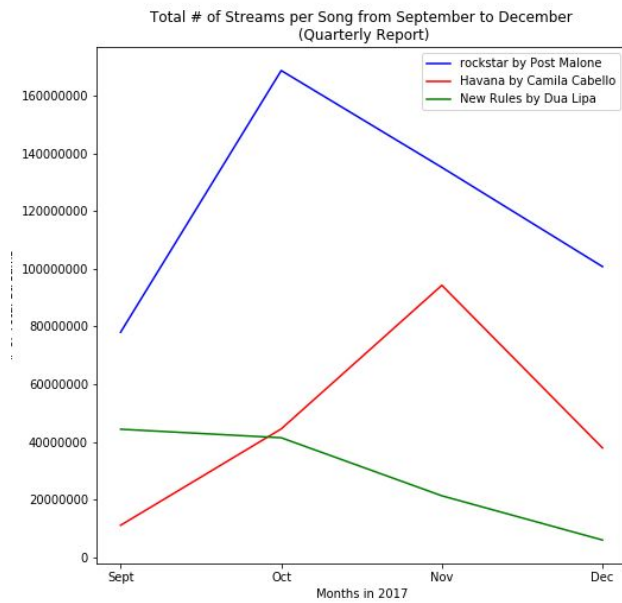
What songs are ranked high throughout the year and in what countries?

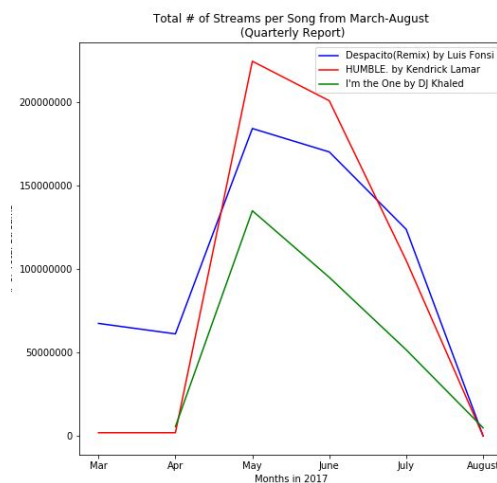
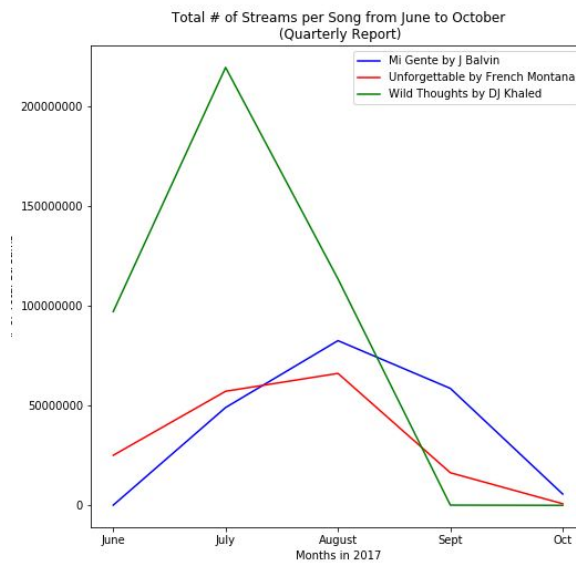


These two graphs show how each song is ranked geographically by date. Each song is popular regardless of region at the beginning of the date. There is no discernable trend that the song travels. The regions at the end of the date are in the same geographical regions as those early on.

What did the timeline of that song look like?

- Each song lasted roughly for about a quarter.





●

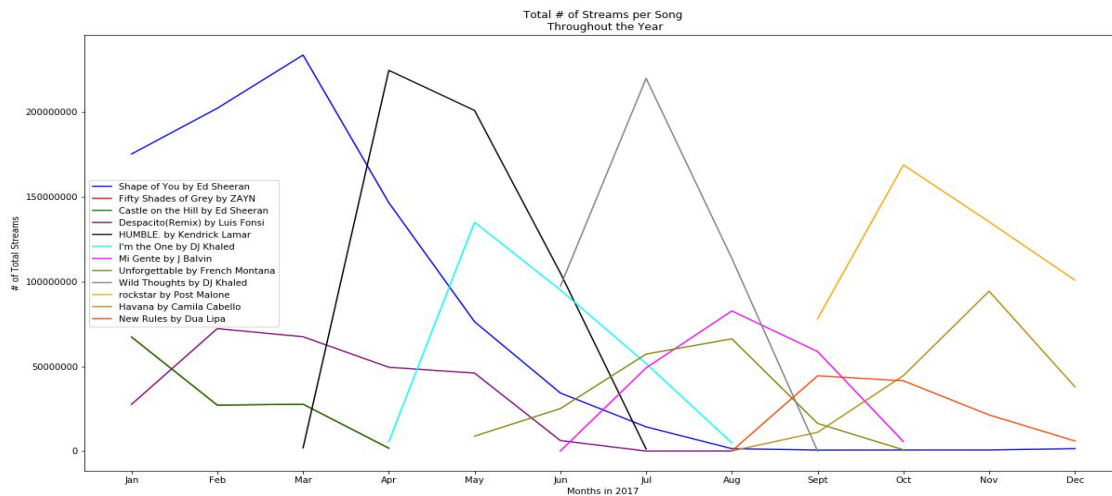
How long does a song stay top 5 in a country?

When does that begin to shift?

- There was no discernable trend to whether songs shift from one region to another.

#### CONCLUSION:

After working through our challenges, we came to the conclusion that our hypothesis was disproved - the trend of a song didn't follow any geographical path, and it was difficult to conclude any geographical trend. However, we did realize that the number of streams were typically greater during a specific few months, which brought us to the conclusion that songs stay popular for about 3 months and then die out.



## IMPLICATIONS OF FINDINGS:

We unfortunately didn't find what we expected to find - which was some sort of travel pattern, where we could see how song popularity travels around the globe. But we did find that songs stay popular for a certain period of time, and this brought us to the idea that maybe these songs are staying popular during a certain few months because the type of song relates to the timing of the year? This got us thinking further - does the genre and mood of a song reflect what season it is most popular in? These questions will allow us to further analyze this data with new ideas and goals - we can look for different trends and conclusions.

