ANKARA YILDIRIM BEYAZIT UNIVERSITY

FACULTY OF BUSINESS

MANAGEMENT INFORMATION SYSTEMS

MIS376 - KNOWLEDGE MAPPING AND DATA VISUALIZATION

GOVERNMENT RESPONSE in COVID19

GITHUB ACCOUNT

https://github.com/kemalkagankural/Government-Response-in-COVID19

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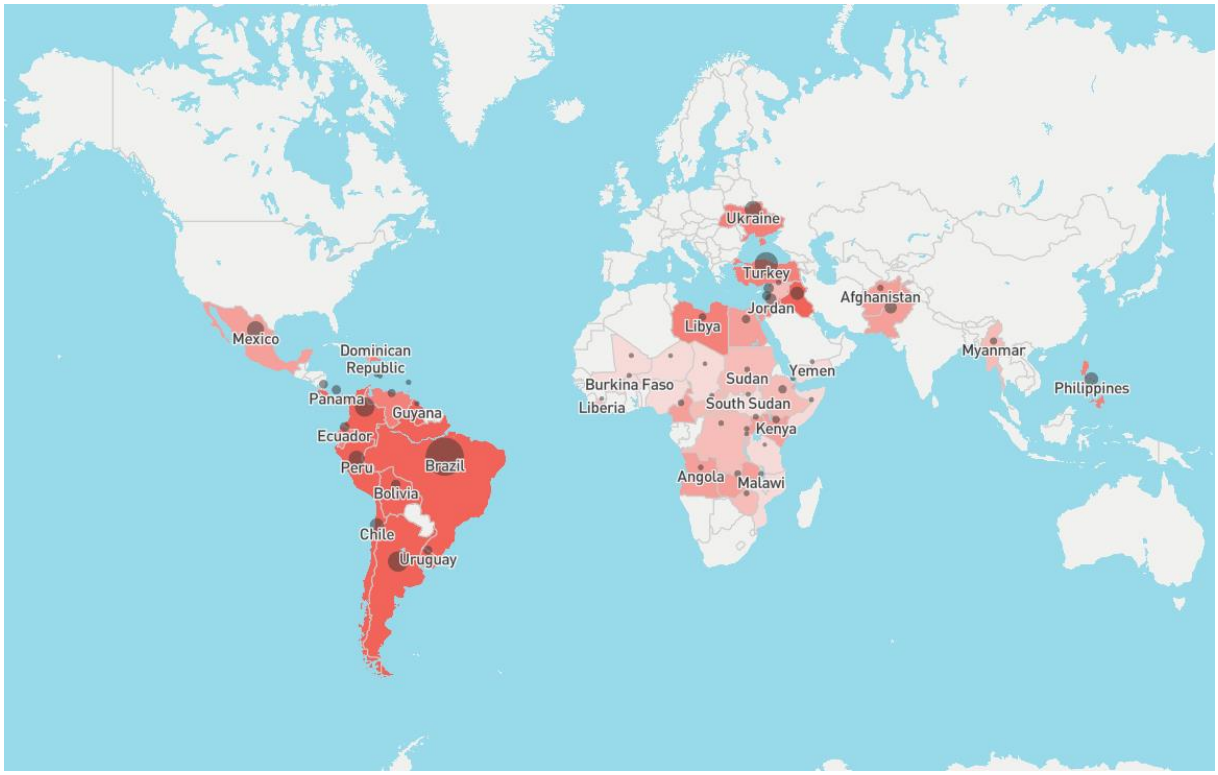
Introduction the Project

Today, Covid-19 has affected the whole world. We have been fighting this disease for over a year. With the spread of the corona virus around the world, countries have revealed many restrictions and control channels. We see that the indexes of these restrictions are linked to the increase of corona virus. The effect of the increase in the numbers of the corona virus on the Government Response Stringency index rate. I will compare the number of cases from the day the corona virus started to spread until the end of April and the measures taken by the states and the level of these measures.

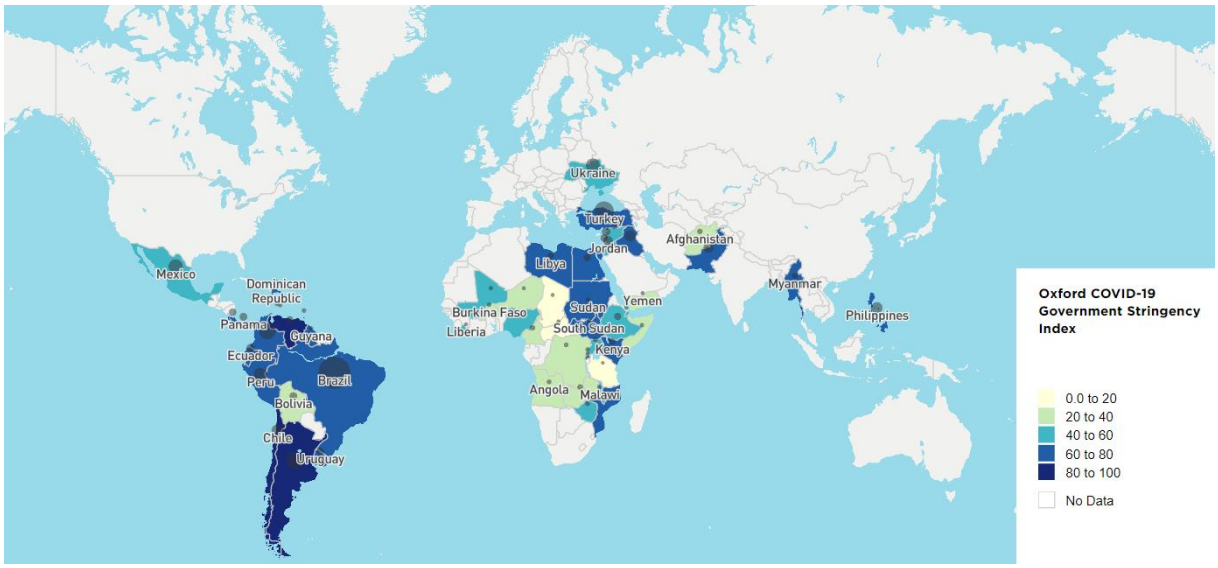
Technical Details

I will use Google Data Studio and Google Chart, because I have change to use different graph, charts. Also they are free, and I can easily use these tools. I have two different datasets. First one is WHO Covid19 disease numbers and Other dataset is Government Response Stringency index rate. First one has 116131 files. Other has almost one million files. I collected this dataset with the number of cases in the countries until the end of April of the world health organization. In addition, I edited the data in the study conducted by the University of Oxford and made it the way I would use it. It took my time to create charts and charts that compare this data with the country-based numbers with the Google Chart application and the measure level until the end of April.

Research Details



This map show that all corona virus cases and risk.I will compare to risk and government responsibility, and Stringency index.

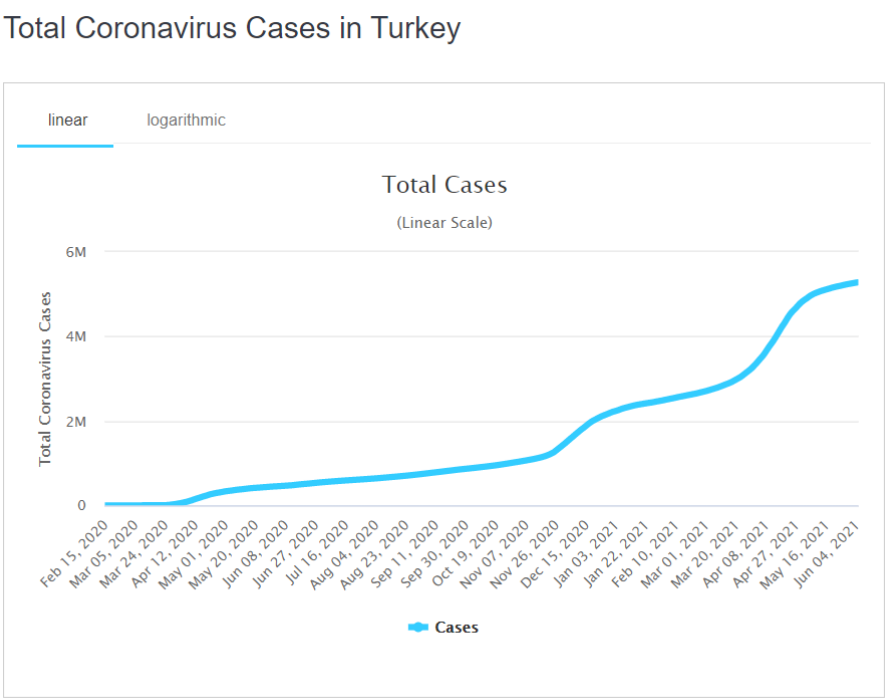


This graph show that government responsibility and Stringency index.

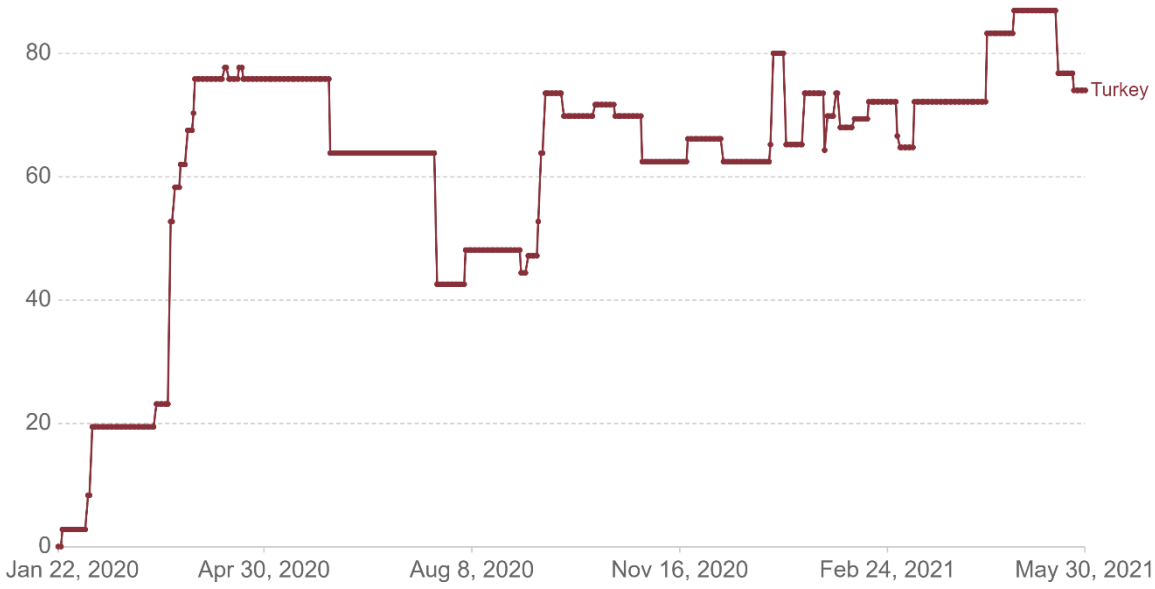
I think ıf your country has high risk rate,your country Stringency index rate is high, because As the cases increase, countries take many measures to prevent these cases, so stringency rates are high.These prevention are clossing close,and Workplace,events,airport,artisan etc.

I search top five on total corona virus cases.These are USA,India,Brazil,Turkey.

Firstly ı started to Turkey status.

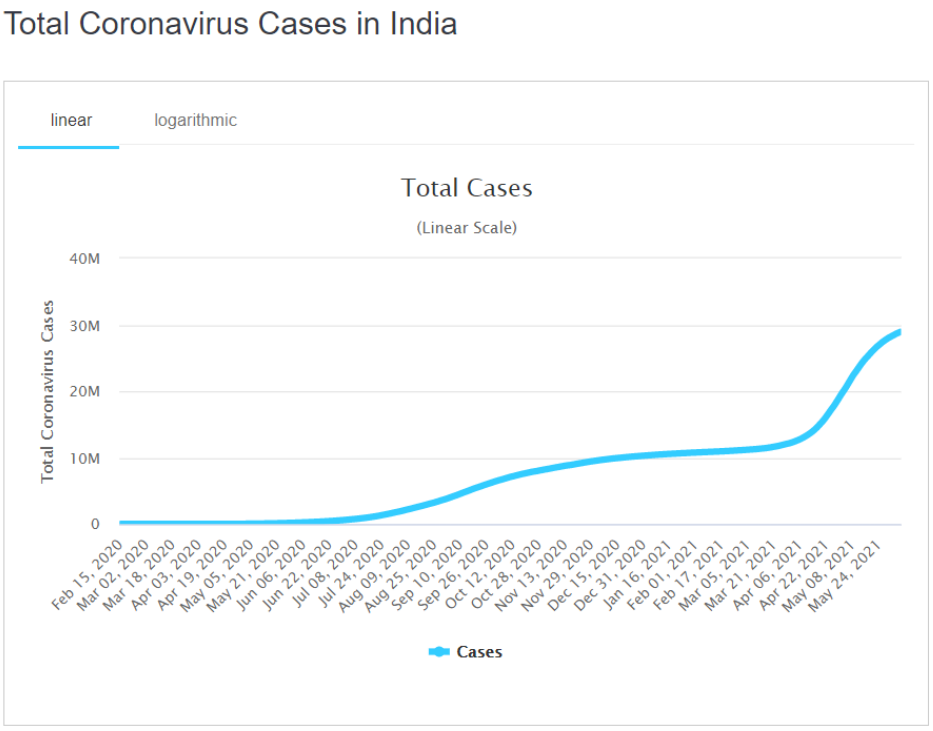


This table show that total coronavirus cases in Turkey. When the cases in the world increased in this picture, the rise was not that high in Turkey,but If precautions had been taken before the corona virus came to Turkey, the increase in cases in Turkey would not have been so intense.

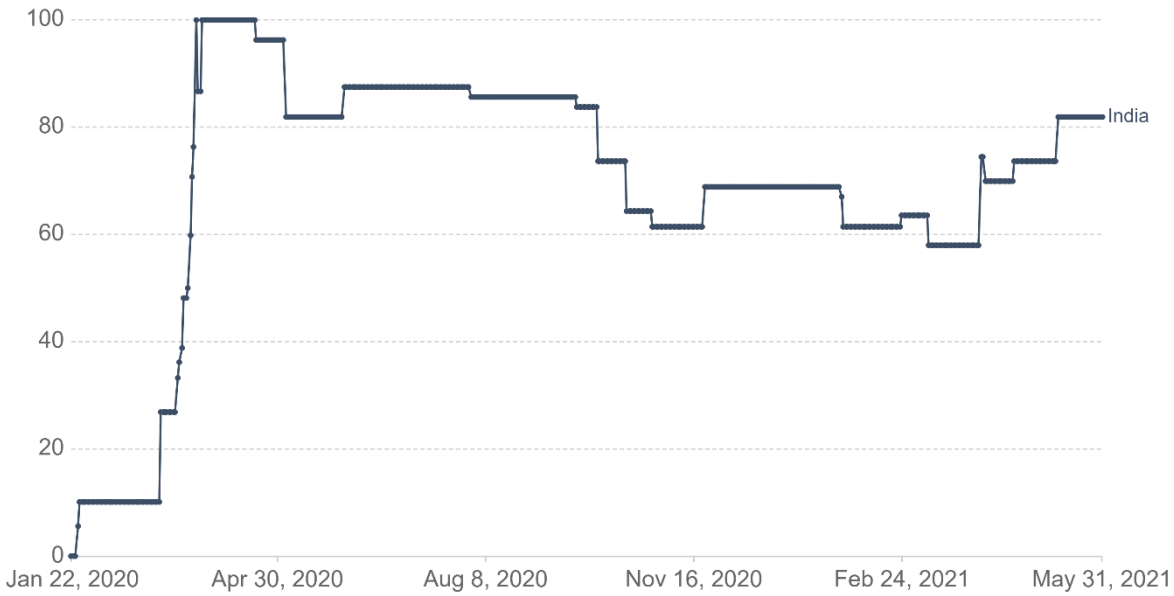


This graph show that Turkey stringency index rate.We see that the Stringency index is irregularly distributed.We see that this uneven distribution also affects the increase in cases. For this reason, Turkey is in the fifth place in the world corona case table these days,and their economy has problem,because their measures are irregular , so this effect all people in Turkey.

Secondly in this research we handle India,because India has more population other top country.They can live problem when Corona virus spread all population,so they detected this and they prevent this.

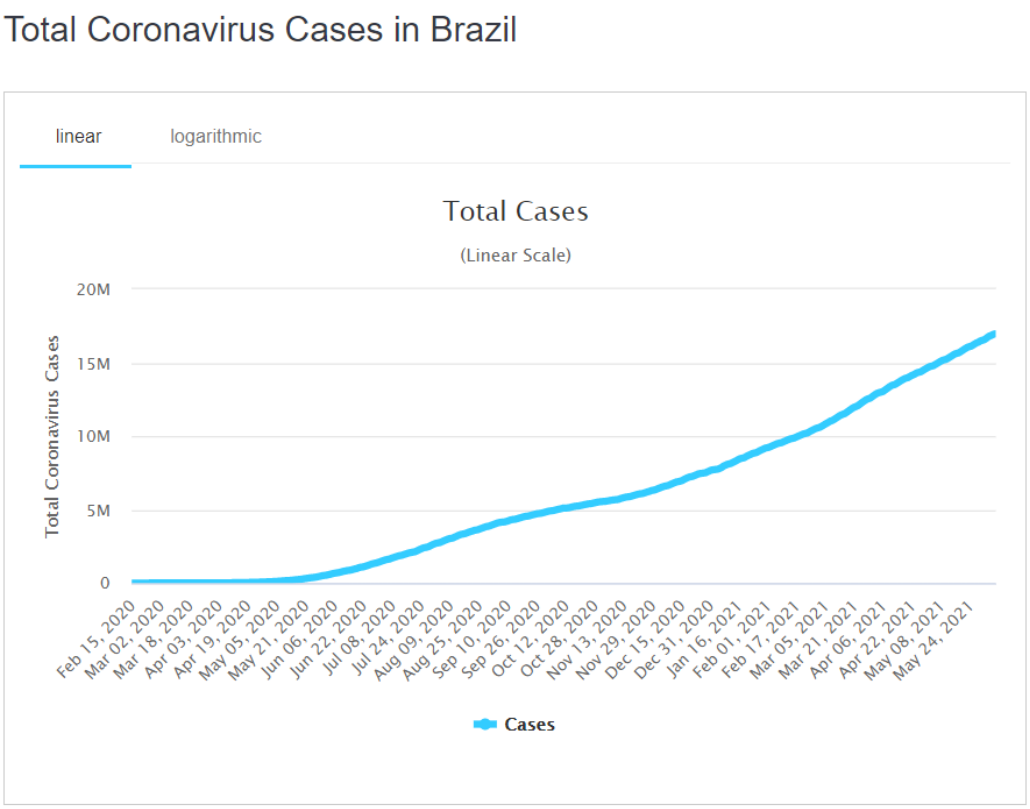


This graph show that Total Cases in India. We see that the measures affect the cases.

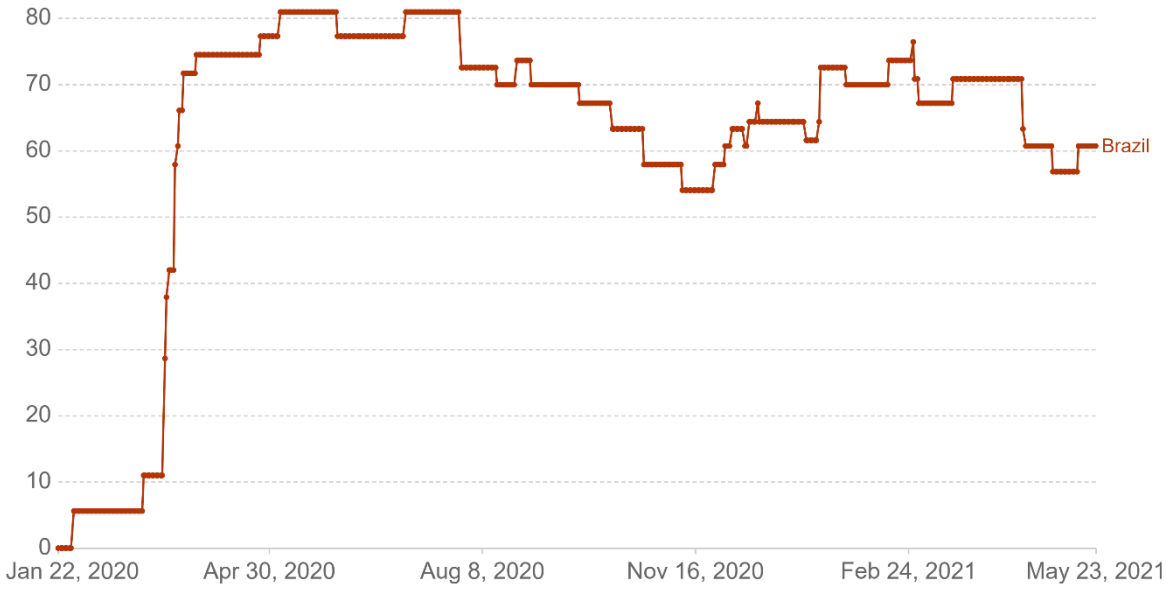


This graph show that India Stringency rate. India government took precautions in the early days and we can see this in the stringency index. This prevented the increase in cases in the early days.

Third one is Brazil.Brazil is third place on the corona virus cases list.

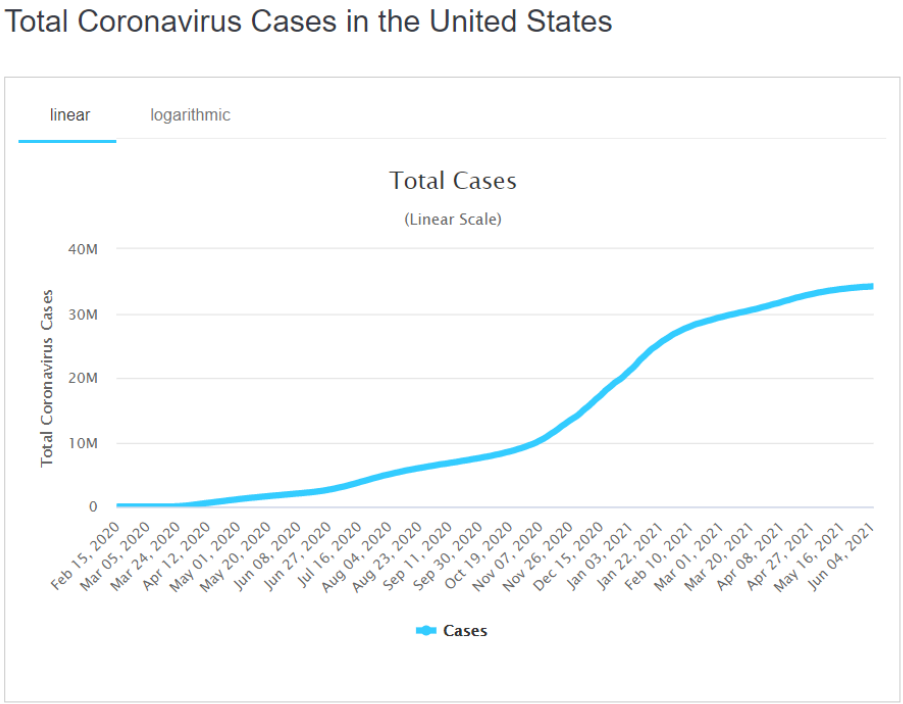


This graph show that total corona virus cases in Brazil. In this chart, we see that the Brazilian government does not pay attention to the corona and the rise is direct, and we find that there is no decrease.

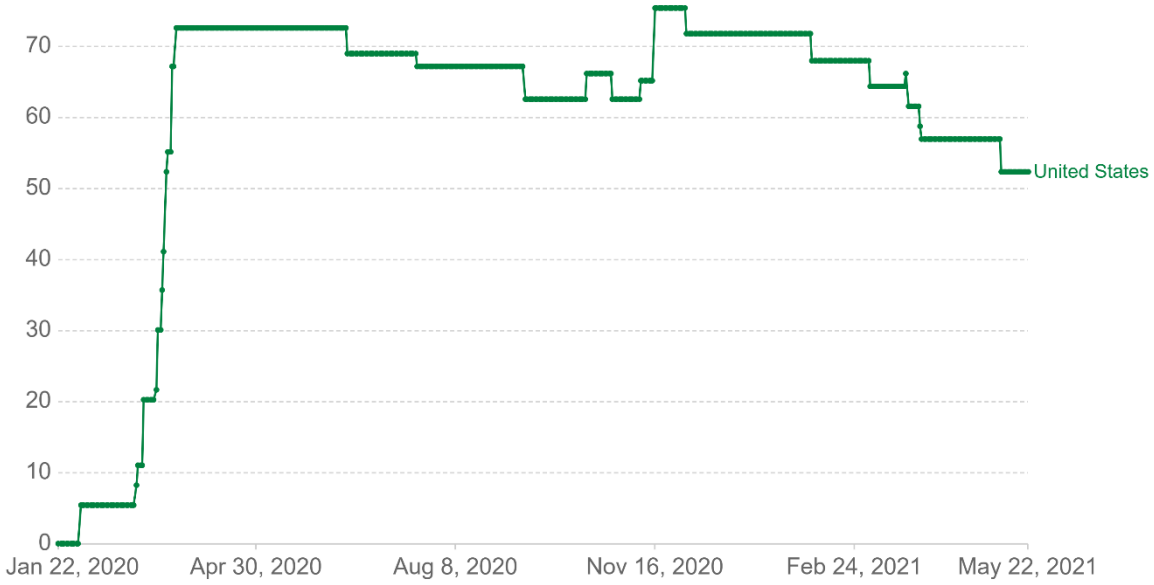


This graph show that Brazil Stringency rate.According to this graph, we see that the Brazilian government has made fewer restrictions compared to other countries.They took the price of not taking this precaution with the increase in the cases.Also according to research, Brazilian people do not believe that corona is deadly and do not pay attention and continue to party at night and not wear masks.

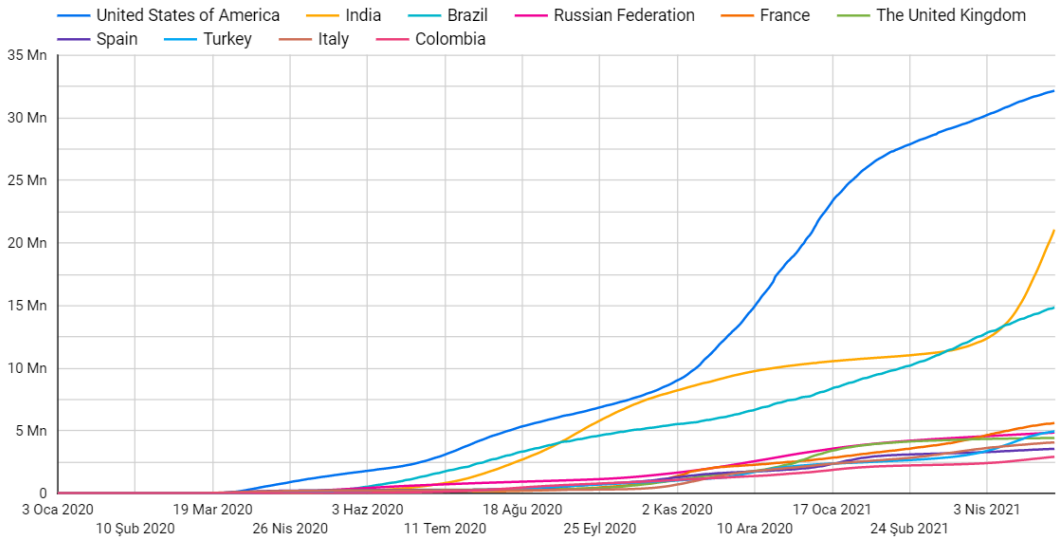
In this research continues The USA.USA is first place in total cases list.



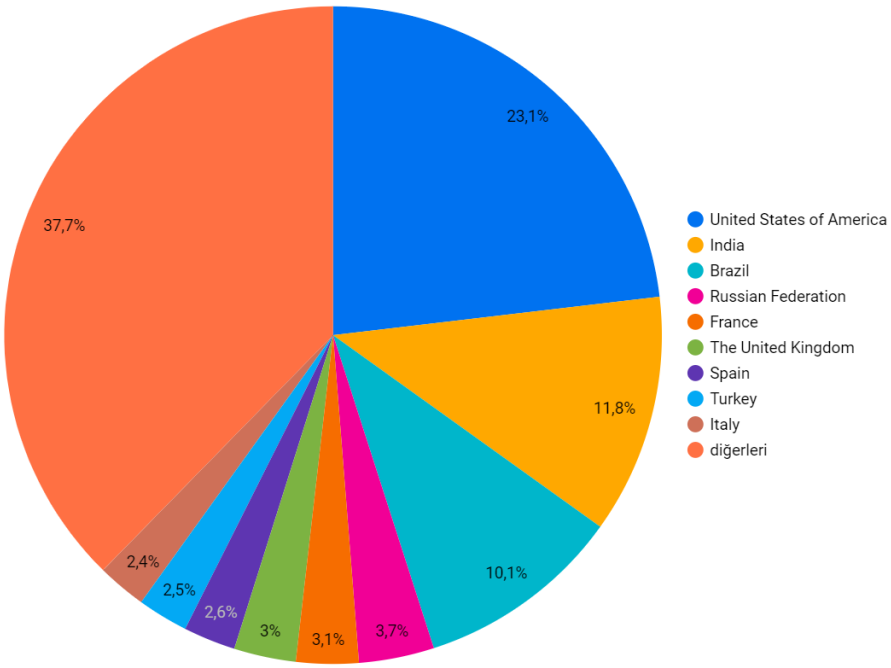
This graph show that The USA total coronavirus cases. America is now one of the countries with the highest number of cases in the world. It is seen that the number of cases has exceeded thirty million.



This graph show that The USA Stringency rate. We see that the precautions and bans are few compared to the high number of cases.Studies have shown that the reason for this is that the vaccination process is faster and earlier than in other countries.For this reason, we see that although the cases are many, the measures and bans continue to be less and without putting the citizens in a difficult situation.



Also ın this graph we can see all cases and top list.



In pie chart We can see the percentile of cases in countries in the world.

Project Result

I chose this topic because By taking precautions, the pandemic process can come to an end, and countries that consider the increase in cases can be more useful in the world health care and reduce the spread of the corona virus.For this reason, if countries take action against the corona, corona may end as soon as possible,and we can turn back normal life.We can act more socially and freely as before coronavirus.

Reference

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