WORLD ANALYSIS

PROTEST ANALYSIS

IS AN UTOPIAN COUNTRY POSSIBLE?

Nowadays, all the protests are not covered by the media. It's thus difficult to have an idea of the number of protests in the world. Indeed, only in 2017, there have been more than 1 million of protests in 195 countries.

Data   →   Visualization   →   Study cases

Data

The protests:

Extraction from the "**GDELT 2.0**" which record every 15 min the events in the world totalizing 2.5TB in 2017.

Use of Google BigQuery to access it.

Get all the event of protest with its details (where, when, nb of reporting …)

Additional Data:

Variety of different official statistic about different countries.

- Population
- Economic (GDP, growth…)
- Press freedom index
- …

THE WORLD BANI

In total 7 CSV files totalizing 23 statistics about the countries.

Linking Data:

Countries are named differently across different data. For example, France has these different abbreviations FR, FRA, RF

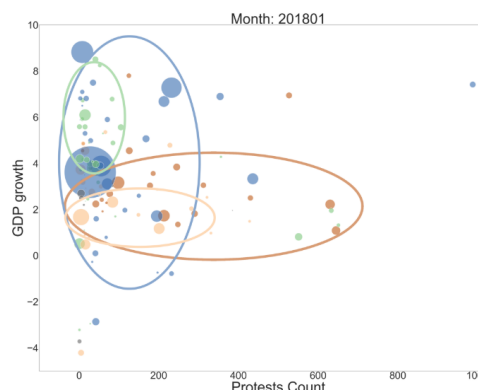Need a conversion tables

Visualization

Number of protests per country:

Number of protests around the world. Problem: the USA is an outlier, every time there is a new protest in the world, it has a probability of 20% to be the US.
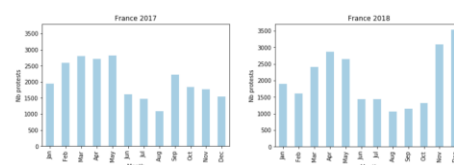

Looking for patterns per continent:

Influence of the GDP Growth rate: we choose a bubble graph. The GDP GR in function of protests' count. Each bubble is a country with a color based on the continent. The size depends of the population's density.

Month: 201801

We created an animation that displays the evolution month after month. All the groups keep this formation quite well.
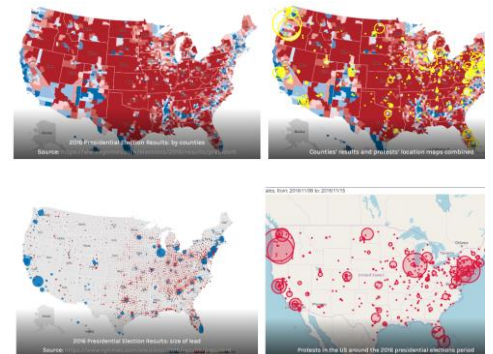
Protests per month:

The number of protest in France is compared bellow between the years 2017 & 2018

This pattern shows the unpredictability nature of large protest movement, sometimes a peak can be predict (election).
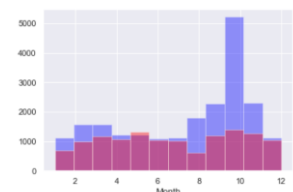
Study cases

Study case 1: SPOILER ALERT: TRUMP WON

We wanted to compare the Clinton's electorate with the protests number around the election dates. Each yellow circle represents protests (more protests, biggest the circle is). We got a perfect match between these two images.

Study case 2: CATALAN MOVE:

This region of Spain had, the 1st October 2017, a referendum to know if they should have their independence. There has been a huge repression from the Spanish government in Barcelona.

We can clearly see the number of protest rising on October 2017. When we compare with 2016, we can see that we got almost 5 times the number of protests in 2017. Let's see the geographic distribution of these protest and compare them with another year:

We can compare the protests' number distribution between 2016 and 2017 around the referendum period.