Coronavirus in Uruguay

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1.Introduction

1.1-Background

Coronavirus also know as Covid-19 is a virus that from December 2019 has made the world enter to a new pandemic and with it changing our life style. This change was all around the world with out exceptions.

Uruguay is a small country from South America, we are around 3.5 million people.

Covid -19 strike us in mid March of 2020, while the rest of the world has already been battling in from December of 2019 so we got news and listen from it since it started.

Even we knew this we were not ready or had any plan but our new government (which started the first of March) as the first person infected was know here they start focus on the methods to keep low infection rate of the population , forcing to business to close, festivals, and tell the people to stay home but at the same time not forcing a lock-down.

Because of this and our social and personal lifestyle change, but we get use to it and now in regular basis we see people with mask on their face , the use of alcohol and at the entrance of the supermarket as well , this is becoming a normal thing. Because of all this measures we took and our social moral and commitment to comply the rules our number on infected and deaths for Covid-19 have been very low in comparison to others.

1.2 Problem

Coronavirus (Covid-19) is a infectious disease that was discover in December 2019 in Wuhan ,China.

Covid -19 spreads primary through saliva or when an infected persona sneezes .

Main symptoms someone will experience are moderate respiratory illness , fever, tiredness. There are some that can have serious symptoms like difficulty breathing, chest pain and loss of speech.

To this day there is no vaccine yet to fight back Covid-19 , therefor we as society and in personal interest we must take care to obey the simple rules to protect our self and others.

1.2 Interest

Obviously, anyone who interested in Covid-19 information from anyplace in the world , even if there is enough information everywhere in the web this will show how we as society manage to keep our number very low even when we are not a first world country . Also even this information will get old eventually it can be a start for features reports .

2- Data acquisition and cleaning

The data gather here was from the state open data that someone has been updated in its GitHub profile. The data she took was from state data in daily base. State information was not updated therefor I use this.

2.1- Data Cleaning

Data downloaded was in Spanish so it was translated and rename it in English for better understanding.

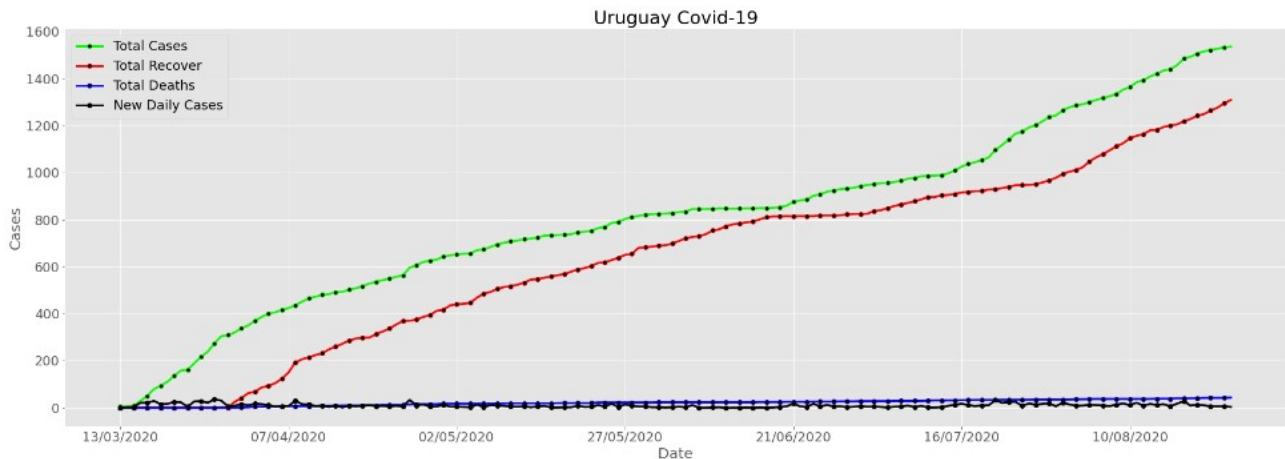There were some data Null at the beginning which was filled with zeros, even this data was not used after.

Information given was simple so there were no need to change nothing.

Most of the columns were not used , and Date column was used as index for better plotting.
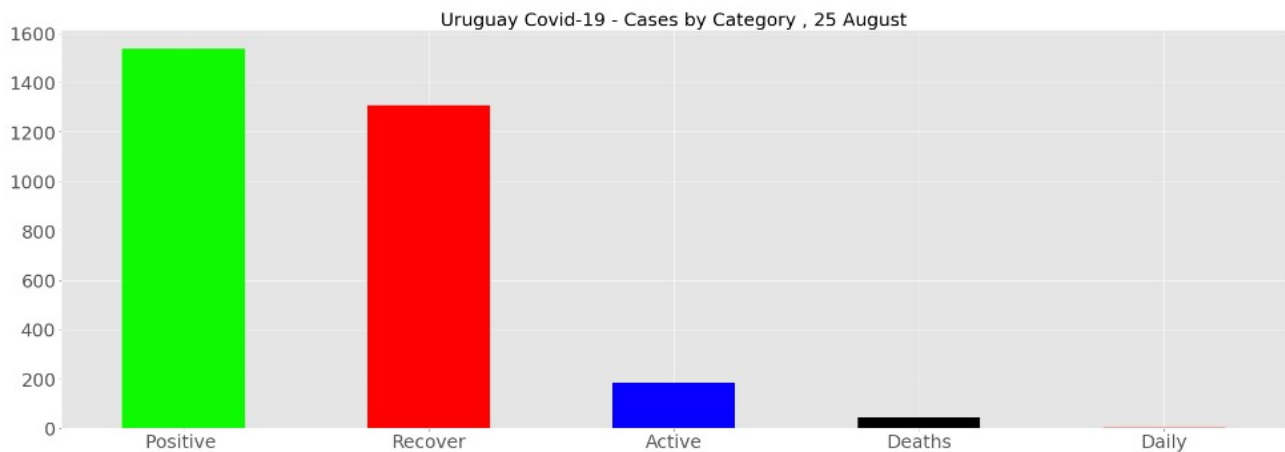
3-Exploratory Data Analysis

3-1 For initial information it is given a global number of how the pandemic numbers advance through time.
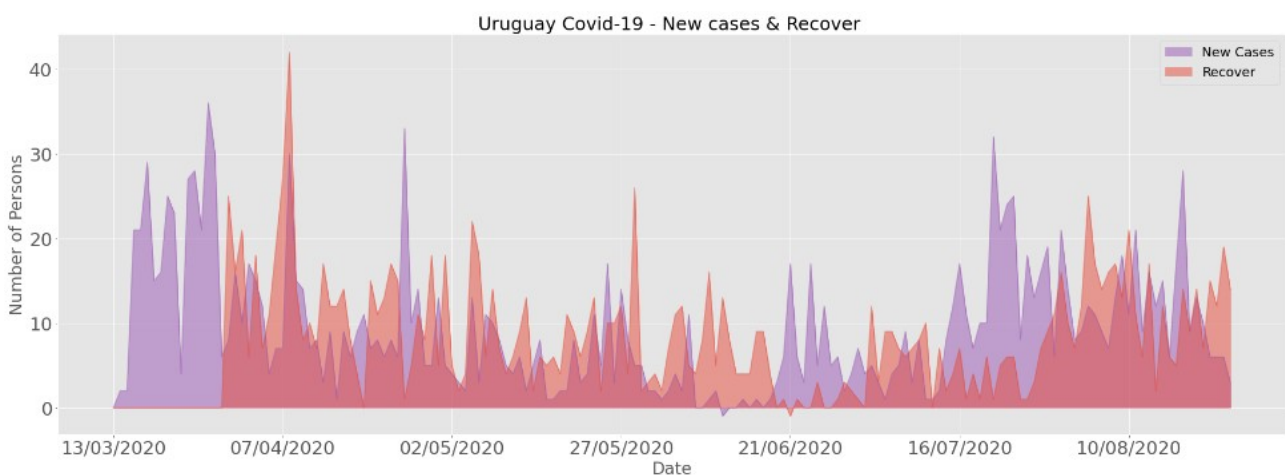
For the first graph it show number of infected , recover, death and daily cases since day one.
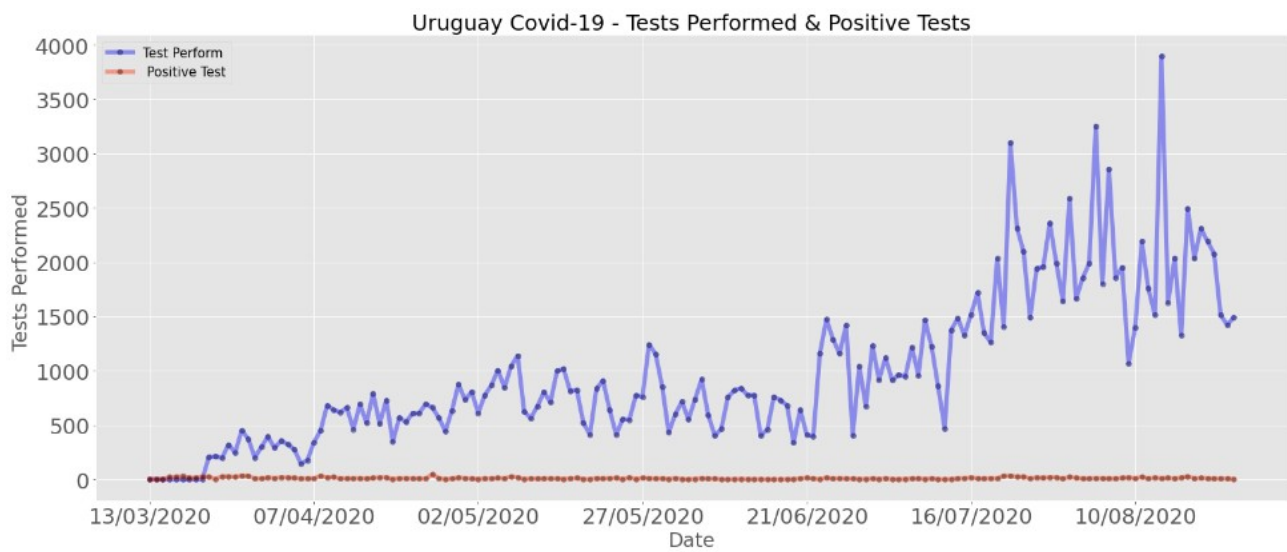

3-2-Now in bar mode its shows the total cases of the positives cases , actual , recover, deaths and daily.
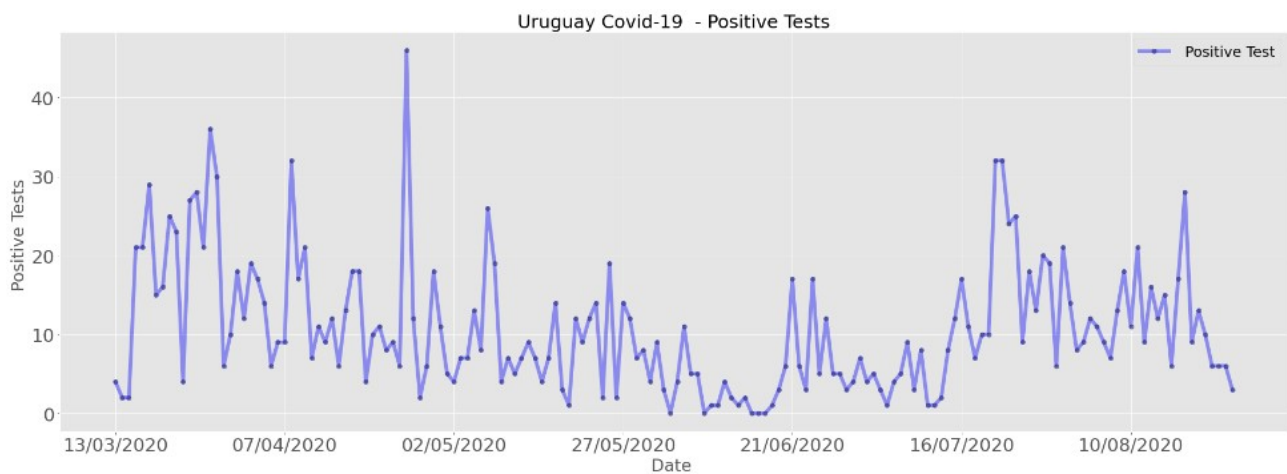

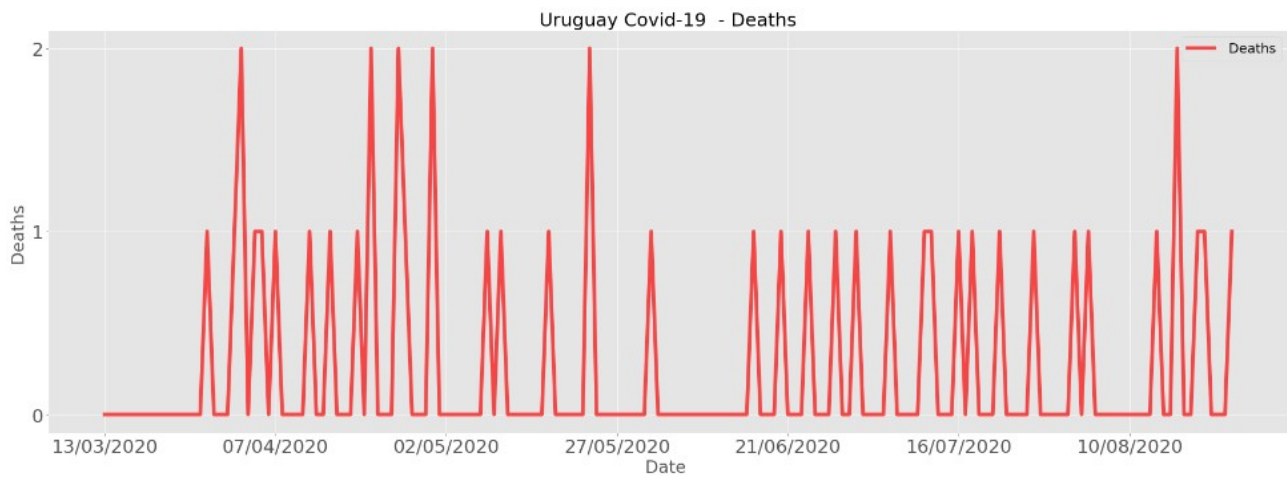3-3The next graph shows new cases among the recover ones in an Area graph

d- Next graph show the test performed and the positive results through time

Uruguay Covid-19 - Tests Performed & Positive Tests

E- Positive test for better sight of numbers

Uruguay Covid-19 - Positive Tests

F- Here it represent the deaths, as it can be seen the maximum we have in a day was two

5- Conclusion

in this study can be seen the how we can keep a low number of infected people and deaths if we manage to change and respect the norms to protect us in a new world where a virus can spreed this fast and change our lifestyle with such simple things.

Even this is a simple report from my country in comparison to others where people are refusing to follow world health organization (WHO) ,scientific , and medics recommendations can improve and help low statistics .