

How will Brazil Handle COVID-19?

Problem statement

Brazil is the most populous country in South America. You are given charge of the countries public health ministry on 20th January 2020. Luckily you have the ability to look into the future, but only the future of the following countries:

- India
- South Korea
- Italy

Knowing only the below-given data, can you save the most lives?

Every day you will have to justify to the national congress, your approach, and the number of lives you saved that day.

Project Goals:

- Given original case data for brazil, and the response data from India, South Korea, and Italy, build a model predicting the day-wise **Cases**, and **Deaths** assuming you follow :
 - Close Contact Tracing - Using S.Korea Dataset,
 - Early Lockdown - Using India Dataset
 - Late Lockdown - Using Italy Dataset
- Graphically Represent state-wise daily rise in cases and deaths for each model.

Data Content

*Note: Given Day=0 the day of the first case, use data until Day=90 for training your models

- **SOUTH KOREA**

- Date
- Province
- City
- Confirmed
- Latitude
- Longitude
- Deaths
- Testing :
 - cold
 - flu
 - pneumonia
 - Coronavirus
- Gov Policy
 - Gov_policy
 - Province
 - detail
 - start_date
 - End_date
- Contact Tracing
 - Infection_case - province-wise
 - infected_by
 - contact_number
 - symptom_onset_date
 - confirmed_date
 - released_date
 - deceased_date
 - State

- **ITALY**

- Date
- Region Name
- Province Name
- Latitude
- Longitude
- Total Positive Cases
- Deaths
- Total Tests

- **INDIA**

- Date
- State/Union Territory
- Latitude
- Longitude
- Confirmed
- Deaths
- Testing

- **BRAZIL**

- Date
- State
- Latitude
- Longitude
- Suspects
- Cases
- Deaths
- Tests