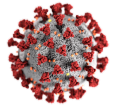




DATA EXPLAINABILITY CHALLENGE



About Data:

The provided data about COVID-19 in Pakistan collected from a number of sources provided below. The empty cell in the sheet represents missing information. Kindly keep in mind data of some region is missing. Also, the sequence of the region is not the same throughout the sheet.

Final Output:

Perform a region-wise analysis and interpretation on different aspects (parameters) and rate top five regions based on their success towards COVID-19. The ratings of the regions must be backed by the analysis of the given data. The rating table for regions is provided below.

Rating	Description
1	Most Successful
2	Successful
3	Average
4	Struggling
5	Most Struggling

You are required to perform the above analysis and provide the ratings, however, you are not bound to this analysis only. Feel free to play with this data and surprise us with some more interesting results and their interpretation :)

Submission Requirements:

Everything should be uploaded in the databox folder of your team ID assigned to your team. Following items should be uploaded.

- Up to five-minutes video with above mentioned (and your own) analyses along-with their interpretation. The size of the video should not exceed 100MB.
- All of the code of the analyses performed (in one file) along with a ReadMe file.

Evaluation criteria:

- Quantity and quality of comparisons.

- Contents and effective interpretation of the results in the submitted video.

Submission deadline: May 7 (11:59 pm Pakistan Standard Time)

References

- “Mesum Raza Hemani, Corona Virus Pakistan Dataset 2020, Kaggle Dataset Repository”
- <https://www.geo.tv/latest/275105-public-private-schools-to-remain-closed-till-march-13-sindh-government>)
- <https://www.google.com/amp/s/arynews.tv/en/punjab-govt-closure-schools-coronavirus-fears/amp/>
- <https://www.google.com/amp/s/www.thenews.com.pk/amp/628643-pakistani-schools-madrassas-universities-to-remain-shut-till-april-5-amid-coronavirus-scare>
- (<https://www.google.com/amp/s/www.thenews.com.pk/amp/628643-pakistani-schools-madrassas-universities-to-remain-shut-till-april-5-amid-coronavirus-scare>

Disclaimer:

We are not claiming the validity of data. The data is to challenge the analysis and interpretation abilities of the participants and the results will not be used for any scientific evidence/conclusion.