A Case study on COVID19

GITAA
Transforming careers

Novel Corona Virus Disease 2019

- 2019 Novel Coronavirus (2019-nCoV) is a virus (more specifically, a coronavirus) identified as the cause of an outbreak of respiratory illness first detected in Wuhan, China
- Early on, many of the patients in the outbreak in Wuhan, China reportedly had some link to a large seafood and animal market, suggesting animal-to-person spread
- However, a growing number of patients reportedly have not had exposure to animal markets, indicating person-to-person spread is occurring
- At this time, it's unclear how easily or sustainably this virus is spreading between people
- This dataset has daily level information on the number of affected cases, deaths and recovery from 2019 novel coronavirus. Please note that the number of cases on any given day is the cumulative number
- The data is available from 22 Jan 2020 to 29 April,2020

Data Description

Total size : 19928 x 8

Data file : covid_19_data.csv

Variables	Description
SNo	Serial number
ObservationDate	Date of the observation in MM/DD/YYYY
Province/State	Province or state of the observation (Could be empty when missing)
Country/Region	Country of observation
Last Update	Time in UTC at which the row is updated for the given province or country. (Not standardized and so please clean before using it)
Confirmed	Cumulative number of confirmed cases till that date
Deaths	Cumulative number of deaths till that date
Recovered	Cumulative number of recovered cases till that date

Sample Data

	SNo	ObservationDate	Province/State	Country/Region	Last Update	Confirmed	Deaths	Recovered
0	1	01/22/2020	Anhui	Mainland China	1/22/2020 17:00	1.0	0.0	0.0
1	2	01/22/2020	Beijing	Mainland China	1/22/2020 17:00	14.0	0.0	0.0
2	3	01/22/2020	Chongqing	Mainland China	1/22/2020 17:00	6.0	0.0	0.0
3	4	01/22/2020	Fujian	Mainland China	1/22/2020 17:00	1.0	0.0	0.0
4	5	01/22/2020	Gansu	Mainland China	1/22/2020 17:00	0.0	0.0	0.0
...	...	...	...	...	...	...	...	...
19923	19924	04/29/2020	Wyoming	US	2020-04-30 02:32:27	545.0	7.0	0.0
19924	19925	04/29/2020	Xinjiang	Mainland China	2020-04-30 02:32:27	76.0	3.0	73.0
19925	19926	04/29/2020	Yukon	Canada	2020-04-30 02:32:27	11.0	0.0	0.0
19926	19927	04/29/2020	Yunnan	Mainland China	2020-04-30 02:32:27	185.0	2.0	181.0
19927	19928	04/29/2020	Zhejiang	Mainland China	2020-04-30 02:32:27	1268.0	1.0	1263.0

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- Johns Hopkins University for making the data available for educational and academic research purposes
- MoBS lab - https://www.mobs-lab.org/2019ncov.html
- World Health Organization (WHO): https://www.who.int/
- DXY.cn. Pneumonia. 2020. http://3g.dxy.cn/newh5/view/pneumonia.
- BNO News: https://bnonews.com/index.php/2020/02/the-latest-coronavirus-cases/
- National Health Commission of the People's Republic of China (NHC): http://www.nhc.gov.cn/xcs/yqtb/list_gzbd.shtml
- China CDC (CCDC): http://weekly.chinacdc.cn/news/TrackingtheEpidemic.htm
- Hong Kong Department of Health: https://www.chp.gov.hk/en/features/102465.html
- Macau Government: https://www.ssm.gov.mo/portal/
- Taiwan CDC: https://sites.google.com/cdc.gov.tw/2019ncov/taiwan?authuser=0
- US CDC: https://www.cdc.gov/coronavirus/2019-ncov/index.html
- Government of Canada: https://www.canada.ca/en/public-health/services/diseases/coronavirus.html
- Australia Government Department of Health: https://www.health.gov.au/news/coronavirus-update-at-a-glance
- European Centre for Disease Prevention and Control (ECDC): https://www.ecdc.europa.eu/en/geographical-distribution-2019-ncov-cases
- Ministry of Health Singapore (MOH): https://www.moh.gov.sg/covid-19
- Italy Ministry of Health: http://www.salute.gov.it/nuovocoronavirus


operation == "MIRROR_X":
irror_mod.use_x = True
irror_mod.use_y = False
irror_mod.use_z = False
operation == "MIRROR_Y":
irror_mod.use_x = False
irror_mod.use_y = True
irror_mod.use_z = False
operation == "MIRROR_Z":
irror_mod.use_x = False
irror_mod.use_y = False
irror_mod.use_z = True
selection at the end -add
ob.select= 1
er_ob.select=1
ntext.scene.objects.acti
("Selected" + str(modifier
irror_ob.select = 0
bpy.context.selected_ob
ata.objects[one.name].se
int("please select exact

THANK YOU