Data Dictionary :

S. no	Column names	Non-null count	DTypes
1.	iso_code	313267	category
2.	continent	298368	category
3.	location	313267	category
4.	date	313267	category
5.	tests_units	313267	category

S. no	Column names	Non-null count	DTypes
1.	population	277045	numerical
2.	total_cases	256295	numerical
3.	total_deaths	79387	numerical
4.	total_tests	304385	numerical
5.	new_cases	304385	numerical
6.	new_cases_per_million	303121	numerical
7.	new_cases_smoothed_per_million	75403	numerical
8.	new_tests	79387	numerical
9.	new_tests_per_thousand	75403	numerical
10.	total_tests_per_thousand	103965	numerical
11.	new_tests_smoothed	103965	numerical
12.	new_tests_smoothed_per_thousand	95927	numerical
13.	positive_rate	94348	numerical
14.	tests_per_case	106788	numerical
15.	total_vaccinations	75332	numerical
16.	people_vaccinated	72143	numerical
17.	people_fully_vaccinated	68671	numerical
18.	total_boosters	43905	numerical
19.	new_vaccinations	169269	numerical
20	new_vaccinations_smoothed	169120	numerical
21.	total_vaccinations_per_hundred	169120	numerical
S. no.	Column names	Non-null count	DTypes
22.	people_vaccinated_per_hundred	72143	numerical
23.	people_fully_vaccinated_per_hundred	68671	numerical
24.	total_boosters_per_hundred	43905	numerical
25.	new_vaccinations_smoothed_per_million	169269	numerical
26.	new_people_vaccinated_smoothed	169120	numerical
27.	new_people_vaccinated_smoothed_per_hundred	169120	numerical
28.	stringency_index	197651	numerical
29.	population_density	165823	numerical
30.	median_age	247214	numerical
31.	aged_65_older	238587	numerical
32.	aged_70_older	244733	numerical

Data Dictionary :

33.	gdp_per_capita	242298	numerical
34.	extreme_poverty	156082	numerical
35.	cardiovasc_death_rate	242726	numerical
36.	diabetes_prevalence	255124	numerical
37.	female_smokers	182104	numerical
38.	male_smokers	179624	numerical
39.	handwashing_facilities	118879	numerical
40.	hospital_beds_per_thousand	214292	numerical
41.	life_expectancy	288068	numerical
42.	human_development_index	235314	numerical
43.	excess_mortality_cumulative_absolute	10916	numerical
44.	excess_mortality_cumulative	10916	numerical
45.	excess_mortality	10916	numerical
46.	excess_mortality_cumulative_per_million	10916	numerical

Data Description :

	mean	std	min	25%	50%	75%	max	Description
total_cases	5813693.1	36255067.6	1.0	6607.0	62627.0	647602.0	766894311.0	total number of covid cases
new_cases	10679.3	102719.6	0.0	0.0	16.0	516.0	7460817.0	number of new cases
new_cases_smoothed	10722.1	99962.9	0.0	1.0	37.1	625.6	6410666.9	average value of daily count
total_deaths	80886.6	417669.6	1.0	122.0	1237.0	10711.0	6935876.0	number of total deaths
new_deaths	95.2	599.1	0.0	0.0	0.0	6.0	20027.0	daily count of deaths
new_deaths_smoothed	95.6	589.7	0.0	0.0	0.3	6.6	14677.9	average of daily count of deaths
total_cases_per_million	88706.4	139152.2	0.0	2064.9	21312.0	109074.3	737554.5	number of total cases
new_cases_per_million	161.1	1124.2	0.0	0.0	2.3	67.7	228872.0	number of new cases per million
new_cases_smoothed_per_million	161.8	632.9	0.0	0.2	10.5	102.3	37241.8	averaged # new cases per million
total_deaths_per_million	814.3	1056.2	0.0	51.1	339.8	1248.2	6477.6	number of total deaths per million
new_deaths_per_million	1.0	4.7	0.0	0.0	0.0	0.4	603.7	daily count of deaths
new_deaths_smoothed_per_million	1.0	2.9	0.0	0.0	0.0	0.7	148.6	daily count of deaths per million
reproduction_rate	0.9	0.4	-0.1	0.7	1.0	1.1	5.9	rate of new births
icu_patients	697.1	2213.1	0.0	23.0	103.0	453.0	28891.0	# icu patients
icu_patients_per_million	16.8	23.3	0.0	2.9	7.5	21.2	180.7	# icu patients per million
hosp_patients	4070.6	10207.7	0.0	227.0	800.0	3141.0	154497.0	# of patients in hospital
hosp_patients_per_million	138.8	156.6	0.0	36.9	86.4	181.9	1526.8	# of patients in hospital per million
weekly_icu_admissions	362.5	538.8	0.0	28.0	129.0	468.0	4838.0	weekly count of new patients
weekly_icu_admissions_per_million	11.0	14.1	0.0	2.3	5.8	14.2	225.0	weekly # new patients per million
weekly_hosp_admissions	4480.2	11327.9	0.0	278.2	937.0	4172.0	153977.0	weekly # of hospital admittals

Data Dictionary :

	mean	std	min	25%	50%	75%	max	Description
weekly_hosp_admissions_per_million	91.0	90.6	0.0	28.8	65.9	122.8	708.4	weekly # of hospital per million
total_tests	21104573	84098694.3	0.0	364654.0	2067330	10248451.5	9214000000	# total test
new_tests	67285.4	247734.0	1.0	2244.0	8783.0	37229.0	35855632.0	# new tests
total_tests_per_thousand	924.3	2195.4	0.0	43.6	234.1	894.4	32925.8	total # test per thousand
new_tests_per_thousand	3.3	9.0	0.0	0.3	1.0	2.9	531.1	new test # per thousand
new_tests_smoothed	142178.4	1138214.7	0.0	1486.0	6570.0	32205.0	14769984.0	averaged new test # per thousand
new_tests_smoothed_per_thousand	2.8	7.3	0.0	0.2	0.9	2.6	147.6	averaged # new tests per thousand
positive_rate	0.1	0.1	0.0	0.0	0.1	0.1	1.0	rate of positive cases
tests_per_case	2403.6	33443.7	1.0	7.1	17.5	54.6	1023631.9	# test divided by # cases
total_vaccinations	382663569	1437893783.7	0.0	1489246.0	11093138	82238759.0	1339007476	# vaccinations
people_vaccinated	170715184	638040952.4	0.0	859788.0	5628383	41159127.5	5582392608	# people vaccinated
people_fully_vaccinated	154275220	583835406.4	1.0	783535.5	4883115	34802538.0	5128292804	# people fully vaccinated
total_boosters	94039981	326648468.3	1.0	354596.0	3722696	27375984.0	2762734522	# total boosters
new_vaccinations	837818.9	3392168.1	0.0	3093.0	27856.5	223513.8	49673470.0	# new vaccinations
new_vaccinations_smoothed	322758.5	2058980.6	0.0	374.0	4634.0	36840.0	43692997.0	averaged new vaccinations
total_vaccinations_per_hundred	115.0	84.1	0.0	35.4	113.3	184.8	406.4	# vaccinations per hundred
people_vaccinated_per_hundred	51.0	29.9	0.0	23.7	59.0	76.7	129.1	# people vaccinated per hundred
people_fully_vaccinated_per_hundred	46.0	29.6	0.0	16.9	53.0	72.7	126.9	# people fully vaccinated per hundred
total_boosters_per_hundred	33.0	30.0	0.0	3.6	30.2	55.7	150.5	# total boosters per hundred
new_vaccinations_smoothed_per_million	2095.1	3271.5	0.0	175.0	831.0	2802.0	117113.0	averaged new vaccinations per million
new_people_vaccinated_smoothed	119458.5	837657.1	0.0	68.0	1092.0	11669.2	21071228.0	averaged people vaccinated
new_people_vaccinated_smoothed_per_hundred	0.1	0.2	0.0	0.0	0.0	0.1	11.7	# people vaccinated per hundred
stringency_index	42.7	24.9	0.0	22.2	42.6	62.0	100.0	government metrics
population_density	410.8	1873.9	0.1	37.7	90.7	222.9	20546.8	density of population
median_age	30.5	9.1	15.1	22.2	29.7	38.7	48.2	median age
aged_65_older	8.7	6.1	1.1	3.5	6.4	13.9	27.0	# people 65 or older
aged_70_older	5.5	4.1	0.5	2.1	3.9	8.6	18.5	# people 70 or older
gdp_per_capita	19016.6	19997.0	661	3823.2	12294.9	27216.4	116935.6	gdp per capita
extreme_poverty	13.8	20.1	0.1	0.6	2.5	21.4	77.6	rate of poverty
cardiovasc_death_rate	264.3	120.9	79.4	175.7	245.5	333.4	724.4	rate of deaths due to cardiovescular
diabetes_prevalence	8.6	4.9	1.0	5.4	7.2	10.8	30.5	increase in diabetes
female_smokers	10.8	10.8	0.1	1.9	6.3	19.3	44.0	# female smokers
male_smokers	32.9	13.6	7.7	22.6	33.1	41.3	78.1	# male smokers
handwashing_facilities	50.8	32.0	1.2	20.9	49.8	83.2	100.0	# handwashing facilities
hospital_beds_per_thousand	3.1	2.5	0.1	1.3	2.5	4.2	13.8	# hospital beds per thousand

Data Dictionary :

	mean	std	min	25%	50%	75%	max	Description
life_expectancy	73.7	7.4	53.3	69.6	75.0	79.5	86.8	life expectancy
human_development_index	0.7	0.1	0.4	0.6	0.7	0.8	1.0	human development index
population	128372721	660555533.2	47.0	449002.0	5882259	28301700.0	7975105024	# population
excess_mortality_cumulative_absolute	47665.2	139183.4	3776	32.3	4666.8	32395.6	1288358.4	total number of excess deaths
excess_mortality_cumulative	9.5	12.8	-44.2	0.6	7.8	15.2	76.6	total number of excess deaths
excess_mortality	12.3	26.2	-95.9	-1.4	6.3	17.7	377.4	total number of excess deaths
excess_mortality_cumulative_per_million	1500.6	1854.5	2142	26.5	925.7	2450.2	10292.0	total number of excess deaths