

## Project Stage 1 Task 2

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### Task 2: Hospital Data Dictionary

Section in the report describing the enrichment data and datatype - variable dictionary.

S.No	Name	Definition	Data type	Possible Values	Required?
1	hospital_pk	The key given to the particular hospital.Unique key given to the hospitals.	Integer	100039,30006 etc.	Yes
2	collection_week	This date indicates the start of the period of reporting (the starting Friday).	Date	6/26/2020, 6/19/2020 etc	Yes
3	state	State Code of the Hospital.	String	AZ,FL etc.	Yes
4	ccn	CMS Certification Number (CCN) of the given facility.	Integer	220036,220049 etc.	Yes
5	hospital_name	Name of the Facility.	String	TUCSON MEDICAL CENTER etc.	Yes
6	address	Address of the Facility.	String	5301 EAST GRANT ROAD etc.	Yes
7	city	The city where the hospital is present.	String	TUCSON etc.	Yes
8	zip	The Zip code of the Facility reporting.	Integer	51360,33070 etc	Yes
9	hospital_subtype	The sub-type of the Facility reporting.	String	Short Term etc.	Yes

10	fips_code	The Federal Information Processing Standard (FIPS) code of the facility.	Integer	12105,12011 etc.	Yes
11	is_metro_micro	Whether the Facility is in Metropolitan and Micropolitan area. TRUE if yes else FALSE.	Boolean	TRUE,FALSE etc.	Yes
12	total_beds_7_day_avg	Average of total number of beds( staffed inpatient and outpatient) in hospital during 7 day period.	Float	20.0,13.5 etc	Yes
13	all_adult_hospital_beds_7_day_avg	Average of all adult beds(staffed inpatient and outpatient) in the hospital during 7 day period.	Float	20.0,13.5 etc	Yes
14	all_adult_hospital_inpatient_beds_7_day_avg	Average of all adult inpatient beds in hospital during 7 day period.	Float	20.0,13.5 etc	Yes
15	inpatient_beds_used_7_day_avg	Average of staffed inpatient beds that are used during 7 day period.	Float	20.0,13.5 etc	Yes
16	all_adult_hospital_inpatient_bed_occupied_7_day_avg	Average of all staffed inpatient adult beds that re occupied in hospital during 7 day period.	Float	20.0,13.5 etc	Yes

17	inpatient_beds_used_covid_7_day_avg	Average of reported patients currently hospitalized in an inpatient bed who have suspected or confirmed COVID-19 reported during the 7-day period.	Float	20.0,13.5 etc	Yes
18	total_adult_patients_hospitalized_confirmed_and_suspected_covid_7_day_avg	Average number of total adult patients beds who have suspected or confirmed COVID 19 during 7 day period.	Float	20.0,13.5 etc	Yes
19	total_adult_patients_hospitalized_confirmed_covid_7_day_avg	Average number of patients currently hospitalized in an adult inpatient bed who have laboratory-confirmed COVID-19, including those in observation beds. This average includes patients who have both laboratory-confirmed COVID-19 and laboratory-confirmed influenza.	Float	20.0,13.5 etc	Yes
20	total_pediatric_patients_hospitalized_confirmed_and_suspected_covid_7_day_avg	Average number of total	Float	20.0,13.5 etc	Yes

		pediatric patients hospitalized who are confirmed or suspected to COVID-19 during the 7-day period.			
21	total_pediatric_patients_hospitalized_confirmed_covid_7_day_avg	Average number of patients currently hospitalized in a pediatric inpatient bed, including NICU, PICU, newborn, and nursery, who have laboratory-confirmed COVID-19. Including those in observation beds. Including patients who have both laboratory-confirmed COVID-19 and laboratory confirmed influenza in this field reported in the 7-day period.	Float	20.0,13.5 etc	Yes
22	inpatient_beds_7_day_avg	Average number of inpatient beds reported during 7-day period.	Float	20.0,13.5 etc	Yes
23	total_icu_beds_7_day_avg	Average number of total icu beds available during 7-day period.	Float	20.0,13.5 etc	Yes

24	total_staffed_adult_icu_beds_7_day_avg	Average total number of staffed adult icu beds reported during 7-day period.	Float	20.0,13.5 etc	Yes
25	icu_beds_used_7_day_avg	Average icu beds used during 7-day period.	Float	20.0,13.5 etc	Yes
26	staffed_adult_icu_bed_occupancy_7_day_avg	Average staffed adult icu bed occupied reported during 7-day period.	Float	20.0,13.5 etc	Yes
27	staffed_icu_adult_patients_confirmed_and_suspected_covid_7_day_avg	Average staffed icu adult patients that are confirmed and suspected COVID-19 during 7-day period.	Float	23.6,34.7 etc	Yes
28	staffed_icu_adult_patients_confirmed_covid_7_day_avg	Average staffed icu adult patients that are confirmed COVID-19 reported during 7-day period.	Float	44.3,77.9 etc	Yes
29	total_patients_hospitalized_confirmed_influenza_7_day_avg	Average total patients hospitalized and having confirmed influenza during 7-day period.	Float	33.2, 55.3 etc.	Yes
30	icu_patients_confirmed_influenza_7_day_avg	Average icu patients having confirmed influenza during 7-day period.	Float	56.3,46.7 etc.	Yes
31	total_patients_hospitalized_confirmed_influenza_and_covid_7_day_avg	Average total patients	Float	30.4,56.7etc	Yes

		hospitalized confirmed influenza and COVID-19 during 7-day period.			
32	total_beds_7_day_sum	Sum of total beds reported during 7 - day period.	Integer	34,567 etc.	Yes
33	all_adult_hospital_beds_7_day_sum	Sum of total adult hospital beds available during 7-day period.	Integer	789,567 etc.	Yes
34	all_adult_hospital_inpatient_beds_7_day_sum	Sum of total adult hospital inpatients beds reported during 7-day period.	Integer	345,876 etc.	Yes
35	inpatient_beds_used_7_day_sum	Sum of inpatients beds used during 7-day period.	Integer	345,876 etc.	Yes
36	all_adult_hospital_inpatient_bed_occupied_7_day_sum	Sum of all adult hospital inpatient beds occupied reported during 7-day period.	Integer	345,876 etc.	Yes
37	inpatient_beds_used_covid_7_day_sum	Sum of the inpatients beds who are suspected to COVID-19 during 7-day period.	Integer	345,876 etc.	Yes
38	total_adult_patients_hospitalized_confirmed_and_suspected_covid_7_day_sum	Sum of total adult patients hospitalized and who are confirmed and suspected COVID-19 during 7-day period.	Integer	345,876 etc.	Yes

39	total_adult_patients_hospitalized_confirmed_covid_7_day_sum	Sum of total adult patients hospitalized and confirmed COVID-19 case during 7-day period.	Integer	345,876 etc.	Yes
40	total_pediatric_patients_hospitalized_confirmed_and_suspected_covid_7_day_sum	Sum of total pediatric patients hospitalized and who are confirmed and suspected COVID-19 during 7-day period.	Integer	345,876 etc.	Yes
41	total_pediatric_patients_hospitalized_confirmed_covid_7_day_sum	Sum of total pediatric patients who are confirmed COVID-19 cases during 7-day period.	Integer	345,876 etc.	Yes
42	inpatient_beds_7_day_sum	Sum of inpatient beds during 7-day period.	Integer	345,876 etc.	Yes
43	total_icu_beds_7_day_sum	Sum of total icu beds reported during 7-day period.	Integer	345,876 etc.	Yes
44	total_staffed_adult_icu_beds_7_day_sum	Sum of total staffed adult icu beds reported during 7-day period.	Integer	345,876 etc.	Yes
45	icu_beds_used_7_day_sum	Sum of icu beds used during 7-day period.	Integer	345,876 etc.	Yes
46	staffed_adult_icu_bed_occupancy_7_day_sum	Sum of staffed adult icu beds occupied during 7-day period.	Integer	345,876 etc.	Yes
47	staffed_icu_adult_patients_confirmed_and_suspected_covid_7_day_sum	Sum of staffed icu adult	Integer	345,876 etc.	Yes

		patients that are confirmed and suspected COVID-19 during 7-day period.			
48	staffed_icu_adult_patients_confirmed_covid_7_day_sum	Sum of staffed icu adult patients that are confirmed COVID-19 during 7-day period.	Integer	345,876 etc.	Yes
49	total_patients_hospitalized_confirmed_influenza_7_day_sum	Sum of total patients hospitalized having confirmed influenza during 7-day period.	Integer	345,876 etc.	Yes
50	icu_patients_confirmed_influenza_7_day_sum	Sum of icu patients confirmed influenza during 7-day period.	Integer	345,876 etc.	Yes
51	total_patients_hospitalized_confirmed_influenza_and_covid_7_day_sum	Sum of total patients hospitalized confirmed influenza and COVID-19 during 7-day period.	Integer	345,876 etc.	Yes
52	total_beds_7_day_coverage	Coverage of total beds during 7-day period.	Integer	7,5 etc.	Yes
53	all_adult_hospital_beds_7_day_coverage	Coverage of all adult hospital beds during 7-day period.	Integer	7,5 etc.	Yes
54	all_adult_hospital_inpatient_beds_7_day_coverage	Coverage of all adult hospital inpatient beds during 7-day period.	Integer	7,5 etc.	Yes



55	inpatient_beds_used_7_day_coverage	Coverage of inpatient beds used during 7-day period.	Integer	7,5 etc.	Yes
56	all_adult_hospital_inpatient_bed_occupied_7_day_coverage	Coverage of all adult hospital inpatient bed occupied during 7-day period.	Integer	7,5 etc.	Yes
57	inpatient_beds_used_covid_7_day_coverage	Coverage of inpatient beds used for covid patients during 7-day period.	Integer	7,5 etc.	Yes
58	total_adult_patients_hospitalized_confirmed_and_suspected_covid_7_day_coverage	Coverage of total adult patients hospitalized confirmed and suspected covid during 7-day period.	Integer	7,5 etc.	Yes
59	total_adult_patients_hospitalized_confirmed_covid_7_day_coverage	Coverage of total adult patients hospitalized confirmed covid during 7-day period.	Integer	7,5 etc.	Yes
60	total_pediatric_patients_hospitalized_confirmed_and_suspected_covid_7_day_coverage	Coverage of total pediatric patients hospitalized confirmed and suspected covid during 7-day period.	Integer	7,5 etc.	Yes
61	total_pediatric_patients_hospitalized_confirmed_covid_7_day_coverage	Coverage of total pediatric patients hospitalized confirmed covid during 7-day period.	Integer	7,5 etc.	Yes
62	inpatient_beds_7_day_coverage	Coverage of inpatient beds	Integer	7,5 etc.	Yes

		durinf 7-day period.			
63	total_icu_beds_7_day_coverage	Coverage of total icu beds durinf 7-day period.	Integer	7,5 etc.	Yes
64	total_staffed_adult_icu_beds_7_day_coverage	Coverage of total staffed adult icu beds during 7-day period.	Integer	7,5 etc.	Yes
65	icu_beds_used_7_day_coverage	Coverage of icu beds used durinf 7-day period.	Integer	7,5 etc.	Yes
66	staffed_adult_icu_bed_occupancy_7_day_coverage	Coverage of staffed adult icu bed occupancy during 7-day period.	Integer	7,5 etc.	Yes
67	staffed_icu_adult_patients_confirmed_and_suspected_covid_7_day_coverage	Coverage of staffed icu adult patients confirmed and suspected covid during 7-day period.	Integer	7,5 etc.	Yes
68	staffed_icu_adult_patients_confirmed_covid_7_day_coverage	Coverage of staffed icu adult patients confirmed covid during 7-day period.	Integer	7,5 etc.	Yes
69	total_patients_hospitalized_confirmed_influenza_7_day_coverage	Coverage of total patients hospitalized confirmed influenza during 7-day period.	Integer	7,5 etc.	Yes
70	icu_patients_confirmed_influenza_7_day_coverage	Coverage of icu patients confirmed influenza during 7-day period.	Integer	7,5 etc.	Yes

71	total_patients_hospitalized_confirmed_influenza_and_covid_7_day_coverage	Coverage of total patients hospitalized confirmed influenza and COVID-19 during 7-day period.	Integer	7,5 etc.	Yes
72	previous_day_admission_adult_covid_confirmed_7_day_sum	Sum of number of patients who were admitted to an adult inpatient bed on the previous calendar day who had confirmed COVID-19 at the time of admission reported in the 7-day period.	Integer	20,30 etc	Yes
73	previous_day_admission_adult_covid_confirmed_18-19_7_day_sum	Sum of number of people age 18-19 admitted on the previous calendar day who had confirmed COVID-19 at the time of admission reported in the 7-day period.	Integer	20,30 etc	Yes
74	previous_day_admission_adult_covid_confirmed_20-29_7_day_sum	Sum of number of people age 20-29 admitted on the previous calendar day who had confirmed COVID-19 at the time of admission reported in the 7-day period.	Integer	20,30 etc	Yes
75	previous_day_admission_adult_covid_confirmed_30-39_7_day_sum	Sum of number of people age	Integer	20,30 etc	Yes

		30-39 admitted on the previous calendar day who had confirmed COVID-19 at the time of admission reported in the 7-day period.			
76	previous_day_admission_adult_covid_confirmed_40-49_7_day_sum	Sum of number of people age 40-49 admitted on the previous calendar day who had confirmed COVID-19 at the time of admission reported in the 7-day period.	Integer	20,30 etc	Yes
77	previous_day_admission_adult_covid_confirmed_50-59_7_day_sum	Sum of number of people age 50-59 admitted on the previous calendar day who had confirmed COVID-19 at the time of admission reported in the 7-day period.	Integer	20,30 etc	Yes
78	previous_day_admission_adult_covid_confirmed_60-69_7_day_sum	Sum of number of people age 60-69 admitted on the previous calendar day who had confirmed COVID-19 at the time of admission reported in the 7-day period.	Integer	20,30 etc	Yes
79	previous_day_admission_adult_covid_confirmed_70-79_7_day_sum	Sum of number of people age	Integer	20,30 etc	Yes

		70-79 admitted on the previous calendar day who had confirmed COVID-19 at the time of admission reported in the 7-day period.			
80	previous_day_admission_adult_covid_confirmed_80+_7_day_sum	Sum of number of people age 80 or older admitted on the previous calendar day who had confirmed COVID-19 at the time of admission reported in the 7-day period.	Integer	20,30 etc	Yes
81	previous_day_admission_adult_covid_confirmed_unknown_7_day_sum	Sum of number of people unknown who were admitted on the previous calendar day who had confirmed COVID-19 at the time of admission reported in the 7-day period.	Integer	20,30 etc	Yes
82	previous_day_admission_pediatric_covid_confirmed_7_day_sum	Sum of number of pediatric confirmed covid who were admitted on the previous calendar day who had confirmed covid reported in 7-day period.	Integer	20,30 etc	Yes

83	previous_day_covid_ED_visits_7_day_sum	Sum of total number of ED visits who were seen on the previous calendar day who had a visit related to COVID-19 reported in 7-day period.	Integer	20,30 etc	Yes
84	previous_day_admission_adult_covid_suspected_7_day_sum	Sum of number of patients who were admitted to an adult inpatient bed on the previous calendar day who had suspected COVID-19 at the time of admission reported in 7-day period.	Integer	20,30 etc	Yes
85	previous_day_admission_adult_covid_suspected_18-19_7_day_sum	Sum of number of people age 18-19 admitted on the previous calendar day who had suspected COVID-19 at the time of admission reported in the 7-day period.	Integer	20,30 etc	Yes
86	previous_day_admission_adult_covid_suspected_20-29_7_day_sum	Sum of number of people age 20-29 admitted on the previous calendar day who had suspected COVID-19 at the time of admission	Integer	20,30 etc	Yes

		reported in the 7-day period.			
87	previous_day_admission_adult_covid_suspected_30-39_7_day_sum	Sum of number of people age 30-39 admitted on the previous calendar day who had suspected COVID-19 at the time of admission reported in the 7-day period.	Integer	20,30 etc	Yes
88	previous_day_admission_adult_covid_suspected_40-49_7_day_sum	Sum of number of people age 40-49 admitted on the previous calendar day who had suspected COVID-19 at the time of admission reported in the 7-day period.	Integer	20,30 etc	Yes
89	previous_day_admission_adult_covid_suspected_50-59_7_day_sum	Sum of number of people age 50-59 admitted on the previous calendar day who had suspected COVID-19 at the time of admission reported in the 7-day period.	Integer	20,30 etc	Yes
90	previous_day_admission_adult_covid_suspected_60-69_7_day_sum	Sum of number of people age 60-69 admitted on the previous calendar day who had suspected COVID-19 at the time of admission	Integer	20,30 etc	Yes

		reported in the 7-day period.			
91	previous_day_admission_adult_covid_suspected_70-79_7_day_sum	Sum of number of people age 70-79 admitted on the previous calendar day who had suspected COVID-19 at the time of admission reported in the 7-day period.	Integer	20,30 etc	Yes
92	previous_day_admission_adult_covid_suspected_80+_7_day_sum	Sum of number of people age 80 or older admitted on the previous calendar day who had suspected COVID-19 at the time of admission reported in the 7-day period.	Integer	20,30 etc	Yes
93	previous_day_admission_adult_covid_suspected_unknown_7_day_sum	Sum of number of people unknown who were admitted on the previous calendar day who had suspected COVID-19 at the time of admission reported in the 7-day period.	Integer	20,30 etc	Yes
94	previous_day_admission_pediatric_covid_suspected_7_day_sum	Sum of number of pediatric suspected covid who were admitted on the previous calendar day who had	Integer	20,30 etc	Yes



		suspected covid reportd in 7-day period.			
95	previous_day_total_ED_visits_7_day_sum	um of total number of patient visits to the ED who were seen on the previous calendar day during 7-day period.	Integer	20,30 etc	Yes
96	previous_day_admission_influenza_confirmed_7_day_sum	Sum of number of patients (all ages) who were admitted to an inpatient bed on the previous calendar day who had laboratory-confirmed influenza at the time of admission reported in 7-day period	Integer	20,30 etc	Yes
97	geocoded_hospital_address	The geocoded latitude and longitude of the facility reporting.	String	POINT (-81.15292 31.9855) etc.	Yes
98	hhs_ids	As a part of an effort to improve the granularity of spatial data, unique identifiers (named “HHS IDs” in the datasets) have been assigned to each individual facility.	String	[C110043-A] etc.	Yes
99	previous_day_admission_adult_covid_confirmed_7_day_coverage	Number of times in the 7	Integer	5,7 etc	Yes

		day period that the facility reported the number of patients admitted to adult inpatient bed on previous calendar day with confirmed COVID-19.			
100	previous_day_admission_pediatric_covid_confirmed_7_day_coverage	Number of times in the 7 day period that the facility reported the number of pediatric patients admitted to an inpatient bed on previous calendar day with confirmed COVID-19	Integer	5,7 etc	Yes
101	previous_day_admission_adult_covid_suspected_7_day_coverage	Number of times in the 7 day period that the facility reported the number of patients admitted to adult inpatient bed on previous calendar day with suspected COVID-19.	Integer	5,7 etc	Yes
102	previous_day_admission_pediatric_covid_suspected_7_day_coverage	Number of times in the 7 day period that the facility reported the number of pediatric patients	Integer	5,7 etc	Yes

		admitted to an inpatient bed on previous calendar day with suspected COVID-19			
103	previous_week_personnel_covid_vaccinated_doses_administered_7_day	The number reported of COVID-19 vaccination doses administered in the previous week.	Integer	5,7 etc	Yes
104	total_personnel_covid_vaccinated_doses_none_7_day	The number reported of healthcare personnel who have not yet received a single vaccine dose.	Integer	5,7 etc	Yes
105	total_personnel_covid_vaccinated_doses_one_7_day	The current number reported of healthcare personnel who have received at least one dose of COVID-19 vaccination that is administered in a multi-dose series.	Integer	5,7 etc	Yes
106	total_personnel_covid_vaccinated_doses_all_7_day	The current number reported of healthcare personnel who have received all doses of COVID-19 vaccination that is administered in a multi-dose series.	Integer	5,7 etc	Yes

107	previous_week_patients_covid_vaccinated_doses_one_7_day	The number reported of patients in the previous week who received the first dose of a COVID-19 vaccine that is administered in a multi-dose series	Integer	5,7 etc	Yes
108	previous_week_patients_covid_vaccinated_doses_all_7_day	The number reported of patients in the previous week who received all doses of a COVID-19 vaccine that is administered in a multi-dose series	Integer	5,7 etc	Yes
109	is_corrected	If a field has been altered from its submitted form to smooth out data anomalies, this flag will be set to true	Boolean	TRUE, FALSE	Yes
110	all_pediatric_inpatient_bed_occupied_7_day_avg	Avg of all pediatric inpatient bed occupied during 7-day period.	Float	20.0, 34.5 etc	Yes
111	all_pediatric_inpatient_bed_occupied_7_day_coverage	Coverage of all pediatric inpatient bed occupied during 7-day period.	Integer	3,4 etc	Yes
112	all_pediatric_inpatient_bed_occupied_7_day_sum	Sum of all pediatric inpatient bed occupied during 7-day period.	Integer	3,4 etc	Yes

113	all_pediatic_inpatient_beds_7_day_avg	Avg of all pediatric inpatient beds during 7-day period.	Float	56.6, 7.6 etc	Yes
114	all_pediatic_inpatient_beds_7_day_coverage	If a fields has been altered from it's submitted form to smooth out data anomalies, this flag will be set to true	Integer	3,6 etc	Yes
115	all_pediatic_inpatient_beds_7_day_sum	Sum of all pediatric inpatient beds during 7-day period.	Integer	3,5 etc	Yes
116	previous_day_admission_pediatic_covid_confirmed_0_4_7_day_sum	Sum of number of people of previous day admissionof pediatric covid confirmed of age 0-4 during 7-day period.	Integer	3,5 etc	Yes
117	previous_day_admission_pediatic_covid_confirmed_12_17_7_day_sum	Sum of number of people of previous day admissionof pediatric covid confirmed of age 12-17 during 7-day period.	Integer	3,5 etc	Yes
118	previous_day_admission_pediatic_covid_confirmed_5_11_7_day_sum	Sum of number of people of previous day admissionof pediatric covid confirmed of age 5-11 during 7-day period.	Integer	3,5 etc	Yes
119	previous_day_admission_pediatic_covid_confirmed_unknown_7_day_sum	Sum of number of people of previous day	Integer	3,5 etc	Yes

		admissionof pediatric covid confirmed of unknown age during 7-day period.			
120	staffed_icu_pediatric_patients_confirmed_covid_7_day_avg	Avg of staffed icu pediatric patients confirmed covid during 7- day period.	Floa t	3.6,4.5 etc	Yes
121	staffed_icu_pediatric_patients_confirmed_covid_7_day_coverage	Coverage of staffed icu pediatric patients confirmed covid during 7- day period.	Inte ger	3,5 etc	Yes
122	staffed_icu_pediatric_patients_confirmed_covid_7_day_sum	Sum of staffed icu pediatric patients confirmed covid during 7- day period.	Inte ger	3,5 etc.	Yes
123	staffed_pediatric_icu_bed_occupancy_7_day_avg	Avg of staffed pediatric icu bed occupancy during 7-day period.	Floa t	3.4,8.5 etc	Yes
124	staffed_pediatric_icu_bed_occupancy_7_day_coverage	Coverage of staffed pediatric icu bed occupancy during 7-day period.	Inte ger	3,5 etc	Yes
125	staffed_pediatric_icu_bed_occupancy_7_day_sum	Sum of staffed pediatric icu bed occupancy during 7-day period.	Inte ger	3,5 etc	Yes
126	total_staffed_pediatric_icu_beds_7_day_avg	Avg of total staffed pediatric icu beds during 7- day period.	Floa t	3.5, 4.6 etc	Yes

127	total_staffed_pediatic_icu_beds_7_day_coverage	Coverage of total staffed pediatic icu beds during 7-day period.	Integer	3,6 etc	Yes
128	total_staffed_pediatic_icu_beds_7_day_sum	Sum of total staffed pediatic icu beds during 7-day period.	Integer	3,5 etc	Yes
129	Demo   State Geographic Boundaries	State Demographic Boundaries.	Integer	3,10 etc.	Yes

**How can you merge the data with the primary COVID-19 dataset. Identify the individual variable which map between the datasets.**

COVID-19 dataset consists of primary column CountyFIPS and hospital data consists of primary column fips code so we can merge two tables with this column.

But COVID-19 has records that are on daily basis and Hospital data are weekly basis so we converted the COVID-19 data to weekly basis and then based on CountyFIPS and Date column we have merged the data.

**Describe how your enrichment data can help in the analysis of COVID-19 spread. Pose initial hypothesis questions.**

1. States which have a greater number of ICU beds. Does in that State the death rate was low?
2. States which have greater number of cases whether the hospital beds in that bed were occupied, or the people were self-quarantined at home?
3. State which has lower number of bed occupancies which led to higher number of cases and deaths?
4. States where all the hospital bed were occupied and due to lack of beds deaths were happening?
5. State which has higher number of hospitalized confirmed COVID-19 cases?