Project Stage 1 Task 2

Member: Ankitha Chavan

Task 2: Hospital Data Dictionary

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

			Dat		
			a typ	Possible	Requ
S.No	Name	Definition	e	Values	ired?
510	- Nume	The key given		Values	cu.
		to the			
		particular			
		hospital.Unique			
		key given to the	Inte	100039,30	
1	hospital_pk	hospitals.	ger	006 etc.	Yes
	It	This date	0-		
		indicates the			
		start of the			
		period of		6/26/2020,	
		reporting (the	Dat	6/19/2020	
2	collection_week	starting Friday).	e	etc	Yes
		State Code of	Stri		
3	state	the Hospital.	ng	AZ,FL etc.	Yes
		CMS			
		Certification			
		Number (CCN)			
		of the given	Inte	220036,22	
4	ccn	facility.	ger	0049 etc.	Yes
				TUCSON	
				MEDICAL	
		Name of the	Stri	CENTER	
5	hospital_name	Facility.	ng	etc.	Yes
				5301 EAST	
		Address of the	Stri	GRANT	
6	address	Facility.	ng	ROAD etc.	Yes
		The city where			
		the hospital is	Stri	TUCSON	
7	city	present.	ng	etc.	Yes
		The Zip code of			
		the Facility	Inte	51360,330	
8	zip	reporting.	ger	70 etc	Yes
		The sub-type of			
		the Facility	Stri	Short Term	
9	hospital_subtype	reporting.	ng	etc.	Yes

1		l -	ı	I	1 1
		The Federal			
		Information			
		Processing			
		Standard (FIPS)			
		code of the	Inte	12105,120	
10	fips_code	facility.	ger	11 etc.	Yes
		Whether the			
		Facility is in			
		Metropolitan			
		and			
		Micropolitan			
		area. TRUE if	Boo	TRUE,FALS	
11	is_metro_micro	yes else FALSE.	lean	E etc.	Yes
		Average of			
		total number of			
		beds(staffed			
		inpatient and			
		outpatient) in			
		hospital during	Floa	20.0,13.5	
12	total_beds_7_day_avg	7 day period.	t	etc	Yes
		Average of all			
		adult			
		beds(staffed			
		inpatient and			
		outpatient) in			
		the hospital			
		during 7 day	Floa	20.0,13.5	
13	all_adult_hospital_beds_7_day_avg	period.	t	etc	Yes
		Average of all			
		adult inpatient			
		beds in hospital			
		during 7 day	Floa	20.0,13.5	
14	all_adult_hospital_inpatient_beds_7_day_avg	period.	t	etc	Yes
		Average of			
		staffed			
		inpatient beds			
		that are used			
		during 7 day	Floa	20.0,13.5	
15	inpatient_beds_used_7_day_avg	period.	t	etc	Yes
		Average of all			
		staffed			
		inpatient adult			
		beds that re			
		occupied in			
	all_adult_hospital_inpatient_bed_occupied_7	hospital during	Floa	20.0,13.5	
16	_day_avg	7 day period.	t	etc	Yes
	_uuy_uv8	, day period.	L	CIL	163

		1			
		Average of			
		reported			
		patients			
		currently			
		hospitalized in			
		•			
		an inpatient			
		bed who have			
		suspected or			
		confirmed			
		COVID-19			
		reported during			
		the 7-day	Floa	20.0,13.5	
17	innations hade used sovid 7 day avg	period.	t	etc	Yes
1/	inpatient_beds_used_covid_7_day_avg	· ·	ι	eic	res
		Avearge			
		number of total			
		adult pateints			
		beds who have			
		suspecyed or			
		confirmed			
		COVID 19			
	total_adult_patients_hospitalized_confirmed_	during 7 day	Floa	20.0,13.5	
18			t	-	Yes
10	and_suspected_covid_7_day_avg	period.	ι	etc	res
		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-			
	total_adult_patients_hospitalized_confirmed_	confirmed	Floa	20.0,13.5	
19	covid_7_day_avg	influenza.	t	etc	Yes
	total_pediatric_patients_hospitalized_confirm	Average	Floa	20.0,13.5	
20	ed_and_suspected_covid_7_day_avg	number of total	t	etc	Yes
	ca_ana_saspected_covid_/_day_avg	ומוווטכו טו נטנמו	L .	CIL	162

1		1 .	I	İ	1 1
		pediatric			
		patients			
		hospitalized			
		who are			
		confirmed or			
		suspected to			
		COVID-19			
		during the 7-			
		day period.			
		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		20 0 42 5	
24	total_pediatric_patients_hospitalized_confirm	in the 7-day	Floa	20.0,13.5	,,
21	ed_covid_7_day_avg	period.	t	etc	Yes
		Average			
		number of			
		impatients			
		beds reported			
	[<u>.</u> .	during 7-day	Floa	20.0,13.5	
22	inpatient_beds_7_day_avg	period.	t	etc	Yes
		Average			
		number of total			
		icu beds			
		available during	Floa	20.0,13.5	
23	total_icu_beds_7_day_avg	7-day period.	t	etc	Yes

Ì		Average total		I	1 1
		number of			
		staffed adult			
		icu beds			
		reported during	Floa	20.0,13.5	
24	total_staffed_adult_icu_beds_7_day_avg	7-day period.	t	etc	Yes
		Average icu			
		beds used			
		during 7-day	Floa	20.0,13.5	
25	icu_beds_used_7_day_avg	period.	t	etc	Yes
		Average staffed			
		adult icu bed			
		occupied			
		reported during	Floa	20.0,13.5	
26	staffed_adult_icu_bed_occupancy_7_day_avg	7-day period.	t	etc	Yes
		Average staffed			
		icu adult			
		patients that are confirmed			
		and suspected			
		COVID-19			
	staffed_icu_adult_patients_confirmed_and_su	during 7-day	Floa	23.6,34.7	
27	spected_covid_7_day_avg	period.	t	etc	Yes
		Average			
		staffed icu			
		adult patients			
		that are			
		confirmed			
		COVID-19			
	staffed_icu_adult_patients_confirmed_covid_	reported during	Floa	44.3,77.9	
28	7_day_avg	7-day period.	t	etc	Yes
		Average total			
		patients			
		hospitalized			
		and having			
		confirmed influenza			
	total_patients_hospitalized_confirmed_influen	during 7-day	Floa	33.2, 55.3	
29	za_7_day_avg	period.	t	etc.	Yes
25	20_,_00,_018	Average icu			1.03
		patients having			
		confirmed			
		influenza			
		during 7-day	Floa	56.3,46.7	
30	icu_patients_confirmed_influenza_7_day_avg	period.	t	etc.	Yes
	total_patients_hospitalized_confirmed_influen	Average total	Floa	30.4,56.7et	
31	za_and_covid_7_day_avg	patients	t	С	Yes

Í	ı		i	I	i i
		hospitalized			
		confirmed			
		influenza and			
		COVID-19			
		during 7-day			
		period.			
		Sum of total			
		beds reported			
		during 7 - day	Inte		
32	total_beds_7_day_sum	period.	ger	34,567 etc.	Yes
		Sum of total	8-1	.,	
		adult hospital			
		beds available			
		during 7-day	Inte	789,567	
33	all adult hospital hods 7 day sum			-	Yes
33	all_adult_hospital_beds_7_day_sum	period. Sum of total	ger	etc.	162
		adult hospital			
		inpatients beds			
		reported during	Inte	345,876	
34	all_adult_hospital_inpatient_beds_7_day_sum	7-day period.	ger	etc.	Yes
		Sum of			
		inpatients beds			
		used during 7-	Inte	345,876	
35	inpatient_beds_used_7_day_sum	day period.	ger	etc.	Yes
		Sum of all adult			
		hospital			
		inpatient beds			
		occupied			
	all_adult_hospital_inpatient_bed_occupied_7	reported during	Inte	345,876	
36	day_sum	7-day period.	ger	etc.	Yes
		Sum of the			
		inpatients beds			
		who are			
		suspected to			
		COVID-19			
		during 7-day	Inte	345,876	
37	inpatient_beds_used_covid_7_day_sum	period.	ger	etc.	Yes
	mpadent_beds_dsed_covid_7_ddy_sdiff	Sum of total	801	Ctc.	103
		adult patients			
		hospitalized an			
		who are			
		confirmed and			
		suspected			
		COVID-19		245.076	
	total_adult_patients_hospitalized_confirmed_	during7-day	Inte	345,876	
38	and_suspected_covid_7_day_sum	period.	ger	etc.	Yes

1		Sum of total		1	1 1
		adult patients			
		hospitalized			
		and confirmed			
		COVID-19 case			
	total_adult_patients_hospitalized_confirmed_	during 7-day	Inte	345,876	
39	covid_7_day_sum	period.	ger	etc.	Yes
		Sum of total			
		pediatric			
		patients			
		hospitalized			
		and who are			
		confirmed and			
		suspected			
	Antal madiatois matiants beautalized as of inc	COVID-19	1	245.076	
40	total_pediatric_patients_hospitalized_confirm	during 7-day	Inte	345,876	Voc
40	ed_and_suspected_covid_7_day_sum	period. Sum of total	ger	etc.	Yes
		pediatric			
		patients who			
		are confirmed			
		COVID-19 cases			
	total_pediatric_patients_hospitalized_confirm	during7-day	Inte	345,876	
41	ed_covid_7_day_sum	period.	ger	etc.	Yes
		Sum of			
		inpatients beds			
		during 7-day	Inte	345,876	
42	inpatient_beds_7_day_sum	period.	ger	etc.	Yes
		Sum of total icu			
		beds reported		245.076	
42	Antal inc hada 7 day ayar	during 7-day	Inte	345,876	V
43	total_icu_beds_7_day_sum	period.	ger	etc.	Yes
		Sum of total staffed adult			
		icu beds			
		reported during	Inte	345,876	
44	total_staffed_adult_icu_beds_7_day_sum	7-day period.	ger	etc.	Yes
		Sum of icu beds	05.		
		used during 7-	Inte	345,876	
45	icu_beds_used_7_day_sum	day period.	ger	etc.	Yes
		Sum of staffed			
		adult icu beds			
		occupied			
		during 7-day	Inte	345,876	
46	staffed_adult_icu_bed_occupancy_7_day_sum	period.	ger	etc.	Yes
	staffed_icu_adult_patients_confirmed_and_su	Sum of staffed	Inte	345,876	
47	spected_covid_7_day_sum	icu adult	ger	etc.	Yes

1		patients that			1 1
		are confirmed			
		and suspected			
		COVID-19			
		during 7-day			
		period.			
		Sum of staffed			
		icu adult			
		patients that			
		are confirmed			
		COVID-19			
	staffed_icu_adult_patients_confirmed_covid_	during 7-day	Inte	345,876	
48	7_day_sum	period.	ger	etc.	Yes
		Sum of total			
		patients			
		hospitalized having			
		confirmed			
		influenza			
	total_patients_hospitalized_confirmed_influen	during 7-day	Inte	345,876	
49	za 7 day sum	period.	ger	etc.	Yes
		Sum of icu			
		patients			
		confirmed			
		influenza durinf	Inte	345,876	
50	icu_patients_confirmed_influenza_7_day_sum	7-day period.	ger	etc.	Yes
		Sum of total			
		patients			
		hospitalized			
		confirmed			
		influenza and COVID-19			
	total_patients_hospitalized_confirmed_influen	during 7-day	Inte	345,876	
51	za and covid 7 day sum	period.	ger	etc.	Yes
		Coverage of	90,	300.	1.05
		total beds			
		during 7-day	Inte		
52	total_beds_7_day_coverage	period.	ger	7,5 etc.	Yes
		Coverage of all			
		adult hospital			
		beds during 7-	Inte		
53	all_adult_hospital_beds_7_day_coverage	day period.	ger	7,5 etc.	Yes
		Coverage of all			
		adult hospital			
	all parish beginning impatient bests 7 de	inpatient beds	ا مد		
F 4	all_adult_hospital_inpatient_beds_7_day_cov	durinf 7-day	Inte	7 F oto	Vos
54	erage	period.	ger	7,5 etc.	Yes

		Coverage of	İ	İ	1 1
		Coverage of			
		inpatient beds			
		used during 7-	Inte	. .	
55	inpatient_beds_used_7_day_coverage	day period.	ger	7,5 etc.	Yes
		Coverage of all			
		adult hospital			
		inpatient bed			
	all_adult_hospital_inpatient_bed_occupied_7	occupied durinf	Inte		
56	_day_coverage	7-day period.	ger	7,5 etc.	Yes
		Coverage of			
		inpatient beds			
		used for covid			
		patients during	Inte		
57	inpatient_beds_used_covid_7_day_coverage	7-day period.	ger	7,5 etc.	Yes
		Coverage of			
		total adult			
		patients			
		hospitalized			
		confirmed and			
		suspected covid			
	total_adult_patients_hospitalized_confirmed_	durinf 7-day	Inte		
58	and_suspected_covid_7_day_coverage	period.	ger	7,5 etc.	Yes
- 55		Coverage of	801	7,5 ctc.	1.00
		total adult			
		patients			
		hospitalized			
		confirmed			
	total_adult_patients_hospitalized_confirmed_	covid during 7-	Inte		
59		_		7 F otc	Yes
39	covid_7_day_coverage	day period.	ger	7,5 etc.	165
		Coverage of			
		total pediatric			
		patients			
		hospitalized			
		confirmed and			
		suspected covid			
	total_pediatric_patients_hospitalized_confirm	durinf 7-day	Inte		
60	ed_and_suspected_covid_7_day_coverage	period.	ger	7,5 etc.	Yes
		Coverage of			
		total pediatric			
		patients			
		hospitalized			
		confirmed			
	total_pediatric_patients_hospitalized_confirm	covid during 7-	Inte		
61	ed_covid_7_day_coverage	day period.	ger	7,5 etc.	Yes
		Coverage of	Inte		
62	inpatient_beds_7_day_coverage	inpatient beds	ger	7,5 etc.	Yes

ı	I	l	İ	I	1 1
		durinf 7-day			
		period.			
		Coverage of			
		total icu beds			
		durinf 7-day	Inte		
63	total_icu_beds_7_day_coverage	period.	ger	7,5 etc.	Yes
		Coverage of			
		total staffed			
		adult icu beds			
		during 7-day	Inte		
64	total_staffed_adult_icu_beds_7_day_coverage	period.	ger	7,5 etc.	Yes
		Coverage of icu			
		beds used			
		durinf 7-day	Inte		
65	icu_beds_used_7_day_coverage	period.	ger	7,5 etc.	Yes
		Coverage of			
		staffed adult			
		icu bed			
		occupancy			
	staffed_adult_icu_bed_occupancy_7_day_cov	during 7-day	Inte		
66	erage	period.	ger	7,5 etc.	Yes
		Coverage of			
		staffed icu			
		adult patients			
		confirmed and			
		suspected covid			
	staffed_icu_adult_patients_confirmed_and_su	during 7-day	Inte		
67	spected_covid_7_day_coverage	period.	ger	7,5 etc.	Yes
	·	Coverage of			
		staffed icu			
		adult patients			
		confirmed			
	staffed_icu_adult_patients_confirmed_covid_	covid during 7-	Inte		
68	7 day coverage	day period.	ger	7,5 etc.	Yes
		Coverage of		<u> </u>	
		total patients			
		hospitalized			
		confirmed			
		influenza			
	total_patients_hospitalized_confirmed_influen	during 7-day	Inte		
69	za_7_day_coverage	period.	ger	7,5 etc.	Yes
		Coverage of icu	65.	,= = ==	
		patients			
		confirmed			
		influenza			
	 icu_patients_confirmed_influenza_7_day_cov	during 7-day	Inte		
70	erage	period.	ger	7,5 etc.	Yes
/0	Clube	periou.	gei	1,3 616.	162

		Coverage of			
		total patients			
		hospitalized			
		confirmed			
		influenza and			
		COVID-19			
	total_patients_hospitalized_confirmed_influen	during 7-day	Inte		
71	za_and_covid_7_day_coverage	period.	ger	7,5 etc.	Yes
		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			
	previous_day_admission_adult_covid_confirm	reported in the	Inte		
72	ed_7_day_sum	7-day period.	ger	20,30 etc	Yes
	/_	Sum of number			
		of people age			
		18-19 admitted			
		on the previous			
		calendar day			
		who had			
		confirmed			
		COVID-19 at			
		the time of			
		admission			
	previous_day_admission_adult_covid_confirm	reported in the	Inte		
73	ed_18-19_7_day_sum	7-day period.	ger	20,30 etc	Yes
	/_	Sum of number			
		of people age			
		20-29 admitted			
		on the previous			
		calendar day			
		who had			
		confirmed			
		COVID-19 at			
		the time of			
		admission			
	previous_day_admission_adult_covid_confirm	reported in the	Inte		
74	ed_20-29_7_day_sum	7-day period.	ger	20,30 etc	Yes
	previous_day_admission_adult_covid_confirm	Sum of number	Inte	-,2- 3-0	
75	ed_30-39_7_day_sum	of people age	ger	20,30 etc	Yes
		or beable age	ואכי		1.03

1 1		I	ı	Ī	
		30-39 admitted			
		on the previous			
		calendar day			
		who had			
		confirmed			
		COVID-19 at			
		the time of			
		admission			
		reported in the			
		7-day period.			
		Sum of number			
		of people age			
		40-49 admitted			
		on the previous			
		calendar day			
		who had			
		confirmed			
		COVID-19 at			
		the time of			
		admission			
	previous_day_admission_adult_covid_confirm	reported in the	Inte		
76	ed_40-49_7_day_sum	7-day period.	ger	20,30 etc	Yes
70	Cu_+0 +3_7_uuy_3um	Sum of number	801	20,30 ctc	163
		of people age			
		50-59 admitted			
		on the previous			
		calendar day			
		who had			
		confirmed			
		COVID-19 at			
		the time of			
		admission			
	musciaco decredosistes adult ascid asoficas		Inte		
77	previous_day_admission_adult_covid_confirm	reported in the		20.20.55	Vac
77	ed_50-59_7_day_sum	7-day period.	ger	20,30 etc	Yes
		Sum of number			
		of people age			
		60-69 admitted			
		on the previous			
		calendar day			
		who had			
		confirmed			
		COVID-19 at			
		the time of			
		admission			
	previous_day_admission_adult_covid_confirm	reported in the	Inte		
78	ed_60-69_7_day_sum	7-day period.	ger	20,30 etc	Yes
	previous_day_admission_adult_covid_confirm	Sum of number	Inte		
79	ed_70-79_7_day_sum	of people age	ger	20,30 etc	Yes

1		70-79 admitted	_	1	
		on the previous			
		calendar day			
		who had			
		confirmed			
		COVID-19 at			
		the time of			
		admission			
		reported in the			
		7-day period.			
		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			
	previous_day_admission_adult_covid_confirm	reported in the	Inte		
80	ed_80+_7_day_sum	7-day period.	ger	20,30 etc	Yes
- 50		Sum of number	gCi	20,50 Ctc	103
		of people			
		unknown who			
		were admitted			
		on the previous			
		calendar day			
		who had			
		confirmed			
		COVID-19 at			
		the time of			
		admission			
	previous_day_admission_adult_covid_confirm	reported in the	Inte		
81	ed_unknown_7_day_sum	7-day period.	ger	20,30 etc	Yes
		Sum of number	80.		. 55
		of pediatric			
		confirmed			
		covid who were			
		admitted on			
		the previous			
		calender day			
		who had			
		confirmed			
	previous_day_admission_pediatric_covid_conf	covid reportd in	Inte		
82		-		20,30 etc	Yes
82	irmed_7_day_sum	7-day period.	ger	20,30 etc	Yes

1		Sum of total			1
		number of ED			
		visits who were			
		seen on the			
		previous			
		calendar day			
		who had a visit			
		related to			
		COVID-19			
		reported in 7-	Inte		
83	previous_day_covid_ED_visits_7_day_sum	day period.	ger	20,30 etc	Yes
		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			
	previous_day_admission_adult_covid_suspect	reported in 7-	Inte		
84	ed_7_day_sum	day period.	ger	20,30 etc	Yes
		Sum of number			
		of people age			
		18-19 admitted			
		on the previous			
		calendar day			
		who had			
		suspected			
		COVID-19 at			
		the time of			
		admission	١		
0.5	previous_day_admission_adult_covid_suspect	reported in the	Inte	20.20	.,
85	ed_18-19_7_day_sum	7-day period.	ger	20,30 etc	Yes
		Sum of number			
		of people age 20-29 admitted			
		on the previous			
		calendar day			
		who had			
		suspected			
		COVID-19 at	lata		
	l provious day admission adult seriel sees				
86	previous_day_admission_adult_covid_suspect ed_20-29_7_day_sum	the time of admission	Inte ger	20,30 etc	Yes

ı		l	i	I	1 1
		reported in the			
		7-day period.			
		Sum of number			
		of people age			
		30-39 admitted			
		on the previous			
		calendar day			
		who had			
		suspected			
		COVID-19 at			
		the time of			
		admission			
	previous_day_admission_adult_covid_suspect	reported in the	Inte		
87	ed_30-39_7_day_sum	7-day period.		20,30 etc	Yes
07	eu_50-55_7_uay_suiii		ger	20,30 etc	163
		Sum of number			
		of people age			
		40-49 admitted			
		on the previous			
		calendar day			
		who had			
		suspected			
		COVID-19 at			
		the time of			
		admission			
	previous_day_admission_adult_covid_suspect	reported in the	Inte		
88	ed_40-49_7_day_sum	7-day period.	ger	20,30 etc	Yes
		Sum of number			
		of people age			
		50-59 admitted			
		on the previous			
		calendar day			
		who had			
		suspected			
		COVID-19 at			
		the time of			
		admission			
	previous_day_admission_adult_covid_suspect	reported in the	Inte		
89	ed_50-59_7_day_sum	7-day period.	ger	20,30 etc	Yes
- 55	- ca_55 55_7_ady_5diff	Sum of number	801	20,50 00	103
		of people age			
		60-69 admitted			
		on the previous			
		calendar day			
		who had			
		suspected			
		COVID-19 at			
	previous_day_admission_adult_covid_suspect	the time of	Inte		
90	ed_60-69_7_day_sum	admission	ger	20,30 etc	Yes

1		l	I	I	1 1
		reported in the			
		7-day period.			
		Sum of number			
		of people age			
		70-79 admitted			
		on the previous			
		calendar day			
		who had			
		suspected			
		COVID-19 at			
		the time of			
		admission			
	previous_day_admission_adult_covid_suspect	reported in the	Inte		
91	ed_70-79_7_day_sum	7-day period.	ger	20,30 etc	Yes
<u> </u>		Sum of number	gci	20,30 ctc	103
		of people age			
		80 or older			
		admitted on			
		the previous			
		calendar day			
		who had			
		suspected			
		COVID-19 at			
		the time of			
		admission			
	previous_day_admission_adult_covid_suspect	reported in the	Inte		
92	ed_80+_7_day_sum	7-day period.	ger	20,30 etc	Yes
		Sum of number			
		of people			
		unknown who			
		were admitted			
		on the previous			
		calendar day			
		who had			
		suspected			
		COVID-19 at			
		the time of			
		admission			
	previous_day_admission_adult_covid_suspect	reported in the	Inte		
93	ed_unknown_7_day_sum	7-day period.	ger	20,30 etc	Yes
		Sum of number	00.		
		of pediatric			
		suspected covid			
		who were			
		admitted on			
	provious dou admission nediatria sevid succe	the previous	م ا		
0.4	previous_day_admission_pediatric_covid_susp	calender day	Inte	20.20 -+-	Vas
94	ected_7_day_sum	who had	ger	20,30 etc	Yes

1	I		İ	I	1 1
		suspected covid			
		reportd in 7-			
		day period.			
		um of total			
		number of			
		patient visits to			
		the ED who			
		were seen on			
		the previous			
		calendar day			
		during 7-day	Inte		
95	previous_day_total_ED_visits_7_day_sum	period.	ger	20,30 etc	Yes
		Sum of number	0 -	.,	
		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			
0.5	previous_day_admission_influenza_confirmed	reported in 7-	Inte		.,
96	7_day_sum	day period	ger	20,30 etc	Yes
		The geocoded			
		latitude and		POINT (-	
		longitude of		81.15292	
		the facility	Stri	31.9855)	
97	geocoded_hospital_address	reporting.	ng	etc.	Yes
		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	Stri	[C110043-	
98	hhs ids	facility.	ng	A] etc.	Yes
	previous day_admission_adult_covid_confirm	Number of	Inte	7.1, 0.00.	1.03
	previous_day_damission_addit_covid_cominin		IIILE		
99	ed_7_day_coverage	times in the 7	ger	5,7 etc	Yes

ı		•	ı	1	1 1
		day period that			
		the facility			
		reported the			
		number of			
		patients			
		admitted to			
		adult inpatient			
		bed on			
		previous			
		calendar day			
		with confirmed			
		COVID-19.			
		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			
	previous_day_admission_pediatric_covid_conf	with confirmed	Inte		
100	irmed_7_day_coverage	COVID-19	ger	5,7 etc	Yes
		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			
	previous_day_admission_adult_covid_suspect	with suspected	Inte		
101	ed_7_day_coverage	COVID-19.	ger	5,7 etc	Yes
101	ca_,_auy_coverage	Number of	801	3,7 0.0	103
1		times in the 7			
1		day period that			
		the facility			
		reported the			
	and the second s	number of			
400	previous_day_admission_pediatric_covid_susp	pediatric	Inte		<u> </u>
102	ected_7_day_coverage	patients	ger	5,7 etc	Yes

1 1		İ	ı	ı	
		admitted to an			
		inpatient bed			
		on previous			
		calendar day			
		with suspected			
		COVID-19			
		The number			
		reported of			
		COVID-19			
		vaccination			
		doses			
		administered in			
	previous_week_personnel_covid_vaccinated_	the previous	Inte		
103	doses_administered_7_day	week.	ger	5,7 etc	Yes
		The number	8	7,1 333	100
		reported of			
		healthcare			
		personnel who			
		have not yet			
		received a			
	total_personnel_covid_vaccinated_doses_non	single vaccine	Inte		
104	e_7_day	dose.	ger	5,7 etc	Yes
104	e_/_uay	The current	gei	3,7 etc	163
		number			
		reported of			
		healthcare			
		personnel who			
		have received			
		at least one			
		dose of COVID-			
		19 vaccination			
		that is			
		administered in			
	total_personnel_covid_vaccinated_doses_one	a multi-dose	Inte		
105	7_day	series.	ger	5,7 etc	Yes
		The current			
		number			
		reported of			
		healthcare			
		personnel who			
		have received			
		all doses of			
		COVID-19			
		vaccination			
		that is			
		administered in			
	total_personnel_covid_vaccinated_doses_all_	a multi-dose	Inte		
106	7_day	series.	ger	5,7 etc	Yes

		ı			
		The number			
		reported of			
		patientsin the			
		previous week			
		who received			
		the first dose of			
		a COVID-19			
		vaccine that is			
		administered in			
	previous_week_patients_covid_vaccinated_do	a multi-dose	Inte		
107	ses_one_7_day	series	ger	5,7 etc	Yes
107	Ses_one_7_day	The number	gei	3,7 etc	163
		reported of			
		patientsin the			
		previous week			
		who received			
		all doses of a			
		COVID-19			
		vaccine that is			
		administered in			
	previous_week_patients_covid_vaccinated_do	a multi-dose	Inte		
108	ses_all_7_day	series	ger	5,7 etc	Yes
		If a fields has			
		been altered			
		from it's			
		submitted form			
		to smooth out			
		data anomalies,			
		this flag will be	Boo	TRUE,FALS	
109	is_corrected	set to true	lean	E.	Yes
		Avg of all			
		pediatric			
		inpatient bed			
		occupied			
	all_pediatric_inpatient_bed_occupied_7_day_	during 7-day	Floa	20.0, 34.5	
110	avg	period.	t	etc	Yes
		Coverage of all			
		pediatric			
		inpatient bed			
		occupied			
	all_pediatric_inpatient_bed_occupied_7_day_	during 7-day	Inte		
111	coverage	period.	ger	3,4 etc	Yes
	<u> </u>	Sum of all		,	
		pediatric			
		inpatient bed			
		occupied			
	all_pediatric_inpatient_bed_occupied_7_day_	during 7-day	Inte		
112	sum	period.	ger	3,4 etc	Yes
112	34111	periou.	801	J, 7 C.C	103

I		المديم مقال	l	1	1 1
		Avg of all pediatric			
		inpatient beds			
		•	Floa	56676	
113	all podiatric innations hade 7 day avg	during 7-day		56.6, 7.6	Voc
113	all_pediatric_inpatient_beds_7_day_avg	period.	t	etc	Yes
		If a fields has			
		been altered from it's			
		submitted form			
		to smooth out			
		data anomalies,	lata		
111	all madiatria impations bade 7 day acyonasa	this flag will be	Inte	2.6.040	Vac
114	all_pediatric_inpatient_beds_7_day_coverage	set to true	ger	3,6 etc	Yes
		Sum of all			
		pediatric			
		inpatient beds	1,-4-		
445	all madiators impetient bada 7 de ee	during 7-day	Inte	2 5 -+-	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
115	all_pediatric_inpatient_beds_7_day_sum	period.	ger	3,5 etc	Yes
		Sum of number			
		of people of			
		previous day			
		admissionof			
		pediatric covid			
	and the second of the second s	confirmed of			
116	previous_day_admission_pediatric_covid_conf	age 0-4 during	Inte	25.44	Vaa
116	irmed_0_4_7_day_sum	7-day period.	ger	3,5 etc	Yes
		Sum of number			
		of people of			
		previous day admissionof			
		pediatric covid confirmed of			
	provious day admission podiatric sould conf	age 12-17	lnto		
117	previous_day_admission_pediatric_covid_conf	during 7-day	Inte	2 F ata	Vos
117	irmed_12_17_7_day_sum	period. Sum of number	ger	3,5 etc	Yes
		of people of previous day			
		admissionof			
		pediatric covid			
		confirmed of			
		age 5-11			
	previous_day_admission_pediatric_covid_conf	during 7-day	Inte		
118				2 5 otc	Yes
119	irmed_5_11_7_day_sum	period.	ger	3,5 etc	162
	provious day admission modiateis sovid saref	Sum of number	Into		
110	previous_day_admission_pediatric_covid_conf	of people of	Inte	2 E ata	Voc
119	irmed_unknown_7_day_sum	previous day	ger	3,5 etc	Yes

1		admissionof	ĺ	l	ĺ
		pediatric covid			
		confirmed of			
		unknown age			
		during 7-day			
		period.			
		Avg of staffed			
		icu pediatric			
		patients			
		confirmed			
	staffed_icu_pediatric_patients_confirmed_cov	covid during 7-	Floa		
120	id_7_day_avg	day period.	t	3.6,4.5 etc	Yes
		Coverage of			
		staffed icu			
		pediatric			
		patients			
		confirmed			
	staffed_icu_pediatric_patients_confirmed_cov	covid during 7-	Inte		
121	id_7_day_coverage	day period.	ger	3,5 etc	Yes
		Sum of staffed		,	
		icu pediatric			
		patients			
		confirmed			
	staffed_icu_pediatric_patients_confirmed_cov	covid during 7-	Inte		
122	id_7_day_sum	day period.	ger	3,5 etc.	Yes
122		Avg of staffed	gei	3,3 ctc.	103
		pediatric icu			
		bed occupancy			
	staffed nediatric icu had accupancy 7 day	during 7-day	Floa		
123	staffed_pediatric_icu_bed_occupancy_7_day_	period.	t	3.4,8.5 etc	Yes
123	avg	Coverage of	·	3.4,8.3 etc	163
		staffed			
		pediatric icu			
	staffed mediatoria inches de secondo 2 de	bed occupancy	ا مد		
434	staffed_pediatric_icu_bed_occupancy_7_day_	during 7-day	Inte	25-4-	Vos
124	coverage	period.	ger	3,5 etc	Yes
		Sum of staffed			
		pediatric icu			
		bed occupancy			
	staffed_pediatric_icu_bed_occupancy_7_day_	during 7-day	Inte	2.5	
125	sum	period.	ger	3,5 etc	Yes
		Avg of total			
		staffed			
		pediatric icu			
		beds during 7-	Floa		
126	total_staffed_pediatric_icu_beds_7_day_avg	day period.	t	3.5, 4.6 etc	Yes

		Coverage of			
		total staffed			
		pediatric icu			
	total_staffed_pediatric_icu_beds_7_day_cover	beds during 7-	Inte		
127	age	day period.	ger	3,6 etc	Yes
		Sum of total			
		staffed			
		pediatric icu			
		beds during 7-	Inte		
128	total_staffed_pediatric_icu_beds_7_day_sum	day period.	ger	3,5 etc	Yes
		State			
		Demographic	Inte		
129	Demo State Geographic Boundaries	Boundaries.	ger	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?