

```
In [263]: factCovid_1 = enigma_jhud[['fips', 'province_state', 'country_region', 'confirmed', 'deaths', 'recovered', 'active']]
factCovid_2 = covid_19_testing_data_in_states_daily[['fips', 'date', 'positive', 'negative', 'hospitalizedcurrently', 'hospitalized']]
factCovid = pd.merge(factCovid_1, factCovid_2, on='fips', how='inner')
```

```
In [264]: factCovid.shape
```

```
Out[264]: (27992, 13)
```

```
In [265]: factCovid.head()
```

```
Out[265]:
```

	fips	province_state	country_region	confirmed	deaths	recovered	active	date	positive	negative	hospitalizedcurrently	hospitalized	hospitalizedd
0	NaN	Anhui	China	1.0	NaN	NaN	NaN	20210119	289939	NaN	1066.0	NaN	
1	NaN	Beijing	China	14.0	NaN	NaN	NaN	20210119	289939	NaN	1066.0	NaN	
2	NaN	Chongqing	China	6.0	NaN	NaN	NaN	20210119	289939	NaN	1066.0	NaN	
3	NaN	Fujian	China	1.0	NaN	NaN	NaN	20210119	289939	NaN	1066.0	NaN	
4	NaN	Gansu	China	NaN	NaN	NaN	NaN	20210119	289939	NaN	1066.0	NaN	

Jupyter Cloud Project (1) Last Checkpoint: 7 minutes ago (autosaved)

Logout

File Edit View Insert Cell Kernel Widgets Help

Not Trusted

Python 3 (ipykernel)

Run Code

```
In [182]: dimRegion_1 = enigma_jhud[['fips', 'province_state', 'country_region', 'latitude', 'longitude']]
dimRegion_2 = nytimes_data_in_usa_us_county[['fips', 'county', 'state']]
dimRegion = pd.merge(dimRegion_1, dimRegion_2, on='fips', how='inner')
```

```
In [183]: dimRegion
```

```
Out[183]:
```

	fips	province_state	country_region	latitude	longitude	county	state
0	NaN	Anhui	China	31.826	117.226	New York City	New York
1	NaN	Anhui	China	31.826	117.226	Unknown	Rhode Island
2	NaN	Anhui	China	31.826	117.226	New York City	New York
3	NaN	Anhui	China	31.826	117.226	Unknown	Rhode Island
4	NaN	Anhui	China	31.826	117.226	New York City	New York
...
11752269	56043.0	Wyoming	US	43.905	-107.680	Washakie	Wyoming
11752270	56043.0	Wyoming	US	43.905	-107.680	Washakie	Wyoming
11752271	56043.0	Wyoming	US	43.905	-107.680	Washakie	Wyoming
11752272	56043.0	Wyoming	US	43.905	-107.680	Washakie	Wyoming
11752273	56043.0	Wyoming	US	43.905	-107.680	Washakie	Wyoming

11752274 rows × 7 columns

```
In [185]: dimHospital = rearc_usa_hospital_beds[['fips', 'state_name', 'latitude', 'longitude', 'hq_address', 'hospital_name', 'hospital_type', 'hq_city', 'hq_state']]
```

```
In [186]: dimHospital
```

Out[186]:

	fips	state_name	latitude	longitude	hq_address	hospital_name	hospital_type	hq_city	hq_state
0	4013	Arizona	33.495498	-112.066157	650 E Indian School Rd	Phoenix VA Health Care System (AKA Carl T Hayd...	VA Hospital	Phoenix	AZ
1	4019	Arizona	32.181263	-110.965885	3601 S 6th Ave	Southern Arizona VA Health Care System	VA Hospital	Tucson	AZ
2	6019	California	36.773324	-119.779742	2615 E Clinton Ave	VA Central California Health Care System	VA Hospital	Fresno	CA
3	9009	Connecticut	41.284400	-72.957610	950 Campbell Ave	VA Connecticut Healthcare System - West Haven ...	VA Hospital	West Haven	CT
4	10003	Delaware	39.740206	-75.606532	1601 Kirkwood Hwy	Wilmington VA Medical Center	VA Hospital	Wilmington	DE
...
825	12103	Florida	27.825341	-82.702445	6000 49th St N	Northside Hospital	Short Term Acute Care Hospital	St Petersburg	FL
826	12103	Florida	27.915015	-82.803637	201 14th St Sw	Largo Medical Center	Short Term Acute Care Hospital	Largo	FL
827	12103	Florida	27.815581	-82.720100	6500 38th Ave N	St Petersburg General Hospital	Short Term Acute Care Hospital	Kenneth City	FL
828	12103	Florida	27.752612	-82.739687	1501 Pasadena Ave S	Palms of Pasadena Hospital	Short Term Acute Care Hospital	South Pasadena	FL
829	12103	Florida	27.953357	-82.802872	300 Pinellas St	Morton Plant Hospital	Short Term Acute Care Hospital	Clearwater	FL

830 rows x 9 columns

AWS

Services

Search

[Alt+S]

Athena

Amazon S3

Buckets

Access Grants

Access Points

Object Lambda Access Points

Multi-Region Access Points

Batch Operations

IAM Access Analyzer for S3

Block Public Access settings for this account

Storage Lens

Dashboards

Storage Lens groups

AWS Organizations settings

Feature spotlight

AWS Marketplace for S3

Amazon S3 > Buckets > covid-dwbi-project > output/

output/

Copy S3 URI

Objects Properties

Objects (4) info

Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 Inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

Find objects by prefix

Copy S3 URI

Copy URL

Download

Open

Delete

Actions

Create folder

Upload

<input type="checkbox"/>	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	dimDate.csv	csv	April 17, 2024, 13:05:44 (UTC-04:00)	103.5 KB	Standard
<input type="checkbox"/>	dimHospital.csv	csv	April 17, 2024, 11:58:09 (UTC-04:00)	122.7 KB	Standard
<input type="checkbox"/>	dimRegion.csv	csv	April 17, 2024, 11:53:19 (UTC-04:00)	634.5 MB	Standard
<input type="checkbox"/>	factCovid.csv	csv	April 17, 2024, 13:08:42 (UTC-04:00)	2.5 MB	Standard

CloudShell

Feedback

© 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

