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COVID DATA SETS

1. COVID County Population DataSet

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Definition** | **Data type** | **Possible Values** | **Required?** |
| County FIPS | Specific code for the county | Integer | 1001,1003,1005 etc. | Yes(Primary Column) |
| County Name | Name of the County | String | Barbour County, Baldwin County etc. | Yes |
| State | Name of the State | String | AL,AK etc. | Yes |
| Population | Number of people. | Integer | 6893,1183 etc. | Yes |

1. COVID County Confirmed Cases DataSet:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Definition** | **Data Type** | **Possible values** | **Required?** |
| countyFIPS | Code for that particular county | Int | starts from 1000 for all odd value | Yes(Primary Key) |
| County Name | Name of the county | String | Can be of any name depending on the county (Multiple names possible) | Yes |
| State | Name of the state | String | Can be of any name depending on the state | Yes |
| StateFIPS | Code for that particular state | Int | starts from 1 alphabetically for all the states | Yes |
| Date | No. of confirmed cases on that date | Int | from 0 to a max of the number of people in that county | Yes |

1. COVID County Confirmed Death cases DataSet:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Definition** | **Data type** | **Possible values** | **Required?** |
| CountyFIPS | Code for that particular county | Integer | starts from 1000 for all odd value | Yes (Primary Key) |
| CountyName | Name of the county | String | Can be of any name depending on the county (Multiple names possible | Yes |
| State | Name of the state | String | Can be of any name depending on the state | Yes |
| StateFIPS | Code for that particular state | Integer | starts from 1 alphabetically for all the states | Yes |
| Date | No. of confirmed death on the particular data | Integer | from 0 to a max of the number of people in that county | yes |

From these data sets we can find the three main factors that are a result of COVID namely population, the number of COVID cases that are confirmed each day for the given time frame, and the number of confirmed deaths that have occurred because of the COVID-19 virus for those each given dates in the time frame.

With the help of this data, we can see how COVID-19 has affected many components surrounding, for example, because of covid patients started flooding into hospitals and hence there was a shortage in hospital facilities. Another example, since the rise of COVID-19, there have been multiple lockdowns, and the employment rate started to fluctuate drastically.

Like the above examples, we can analyze different factors that have been affected by COVID-19.

REFERENCES: