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Database:

COVID-19 Cases, Deaths Global Data

- <https://www.kaggle.com/sudalairajkumar/novel-corona-virus-2019-dataset>

- Size: 17 MB [all the data from Jan 22 to today, updated daily]

Known Data:

1. Covid-19 Data (Serial #, Observation date, Province/State, Country/Region, # Deaths, # Recovered)
2. Confirmed Covid-19 cases in time series (Province/State, Country/Region, # Cases by date, latitude, longitude)
3. Covid-19 deaths in time series (Province/State, Country/Region, # Deaths by date, latitude, longitude)
4. Covid-19 recovered cases in time series (Province/State, Country/Region, #Recovered by date, latitude, longitude)

Platform:

Web application

Programming Languages:

- Front End: Typescript
- HTML
- CSS
- Back End: Python (HTTP server)

Frameworks:

- Django
- Angular

Features List:

- What are the "hotspots" of where cases/death rates were highest?
- What are the daily/Weekly cases (cities or countries)?
- What are the CDC county level grades 1-4 assigned to regions?
- What are the transmission rates percentages? .
- What is the recovered cases ratio to confirmed or death.
- What are the peak days of confirmed cases, deaths, and recovered.