

Lab 2 - CCAST

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Novel Corona Virus 2019 Dataset:

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

Data we have:

1. All Cases (Date Observed, County/Region, State/Province, confirmed, recovered, dead)
2. Number of confirmed / recovered / dead per day for all countries.
3. Number of confirmed cases by countries or states around the world for each day.
4. Number of confirmed cases by county in the US for each day.
5. Number of deaths per day by state/country.
6. Number of deaths per day by county in the US.
7. Number of recovered cases by state/country.

Platform:

Web Application

Programming Languages:

- Javascript (express.js, node.js)
- HTML
- CSS
- MySQL

Feature List (Questions of Interest):

Important features:

1. Deaths over time
2. Cases over time
3. Recoveries over time
4. How does the number of cases change during different seasons?
5. How does the number of cases change after vaccine releases?
6. How does the affluence of a nation affect its recovery rate?
7. How does each country's measures (Like lockdown) relate to the number of people affected/dead?
8. How does the climate zone of each country affect the amount of cases?
9. How do certain countries compare in cases/deaths/recoveries to the rest of the world?