

# IMPACT OF COVID-19

TEAM YYJS

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**COVID-19**  
**RESPONSE**

## Visulization Introduction in 10 words:

Presenting impacts of COVID-19 in public health, education, and economy.



**Audience:** For those who would like to know how COVID-19 influences our life in multiple dimensions

*Why Interesting &  
Original?*



We design a dashboard to present the trend and degree of the impacts of COVID-19 in three main aspects: public health, education, and economy



It helps users in understanding the global information of COVID-19 from several aspects.

# *EXPLAIN WHO DID WHAT ?*



Web Page Framework  
Design: Shihao



Health page + related  
data collection: Yang



Education Page + related  
data collection: Yiwei



Economic Page + related  
data collection: Jiayi

## ***DATA AND TOPIC AS NEEDED***



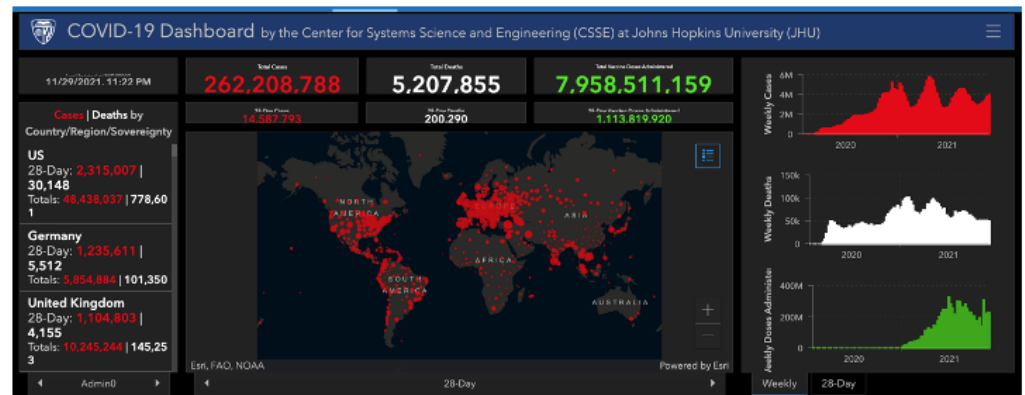
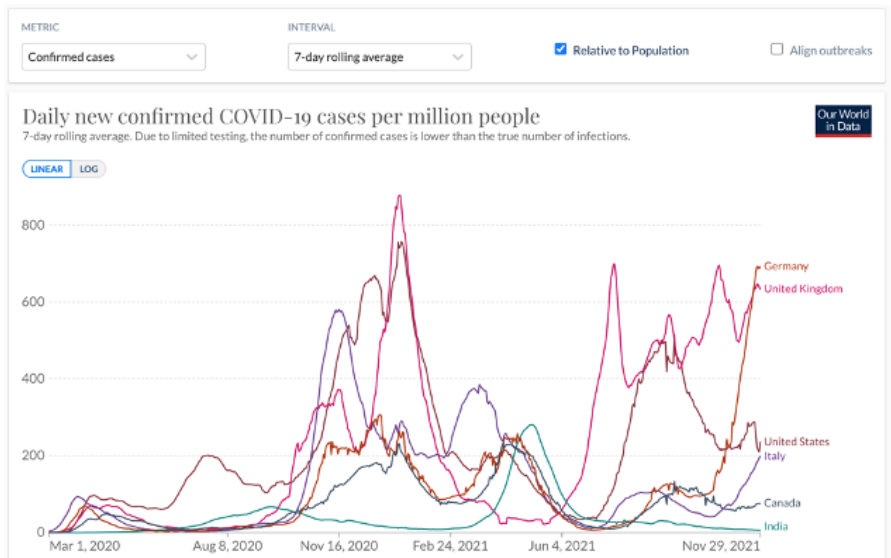
To understand the project, users should have a basic understanding of what is the coronavirus pandemic.



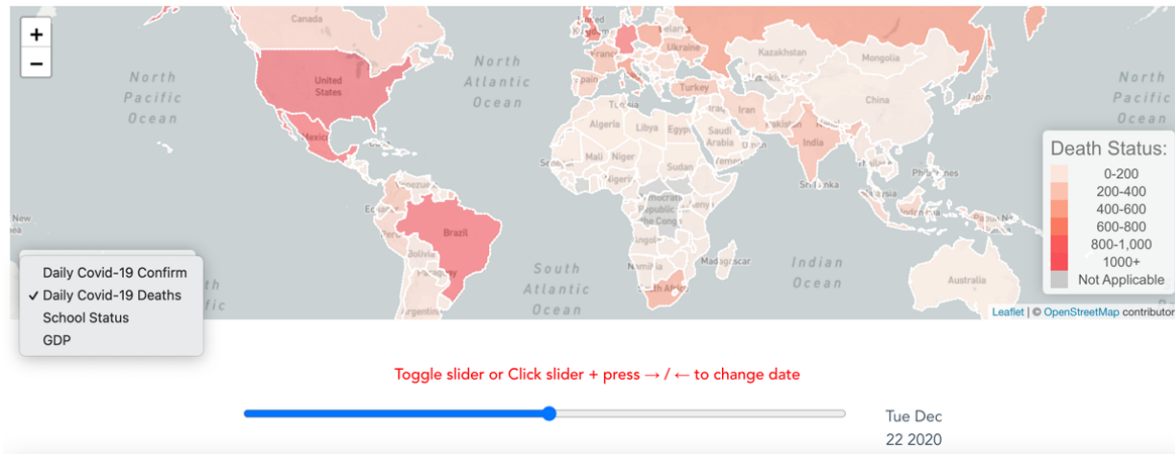
### ***Data Sources:***

- 
1. Health: JHU CSSE and Our World in Data (owid) on Github
  2. Education: UNESCO Institute
  3. Economy: WTO and IMF
  4. Spatial data: World Atlas TopoJSON
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# RELEVANT TOPICS



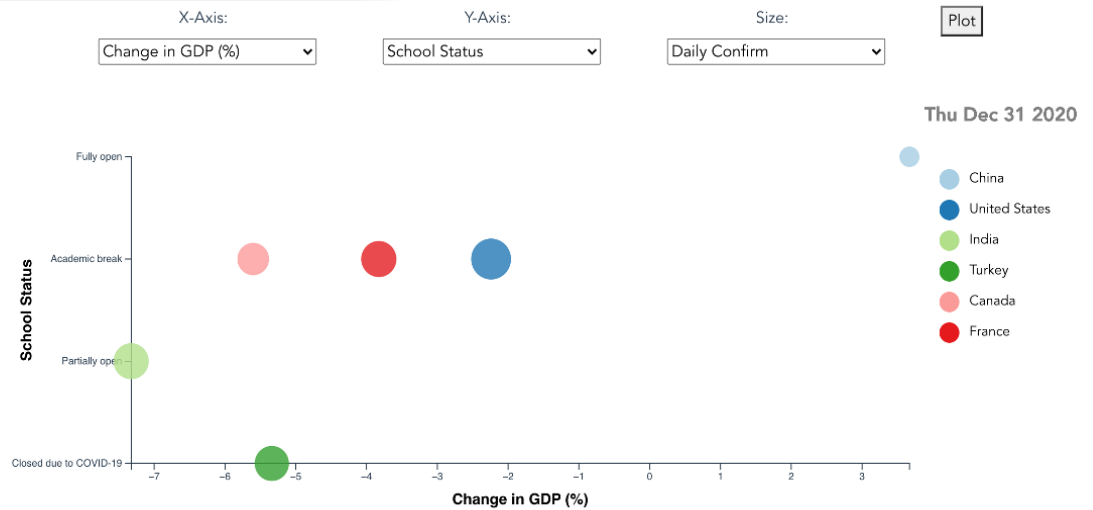
## HOW IS OUR WORK ORIGINAL?



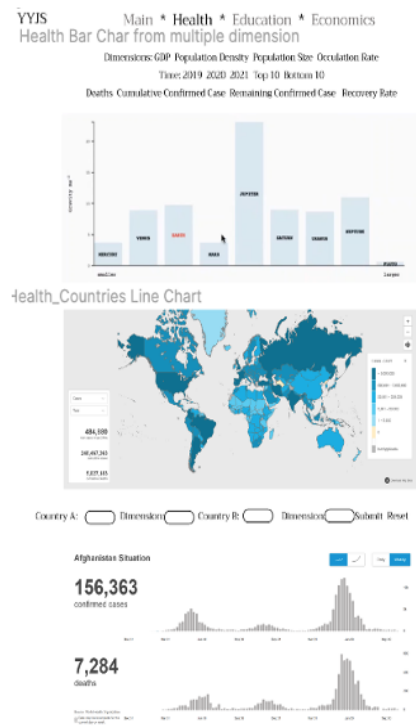
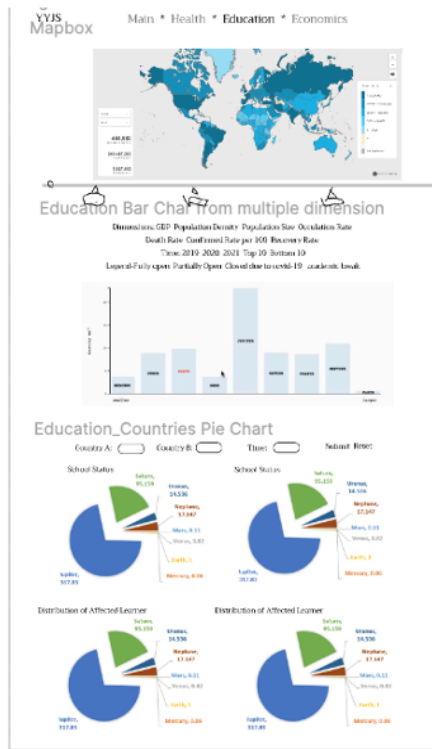
**Choropleth** from 4 dimensions

Click plot to generate the graph!

**Bubble Chart** in 3 dimensions

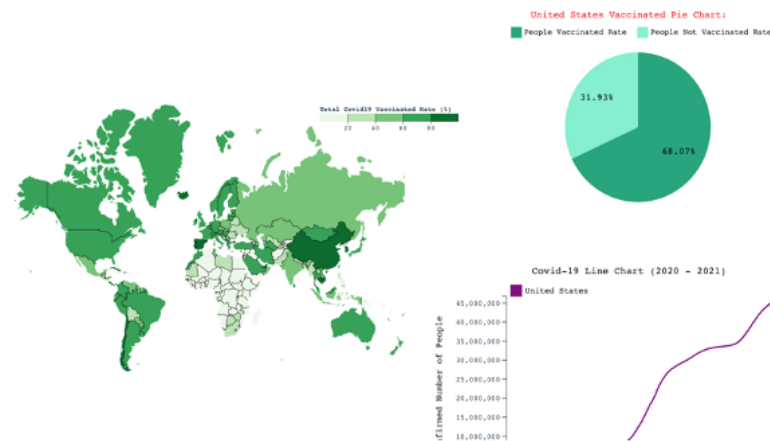
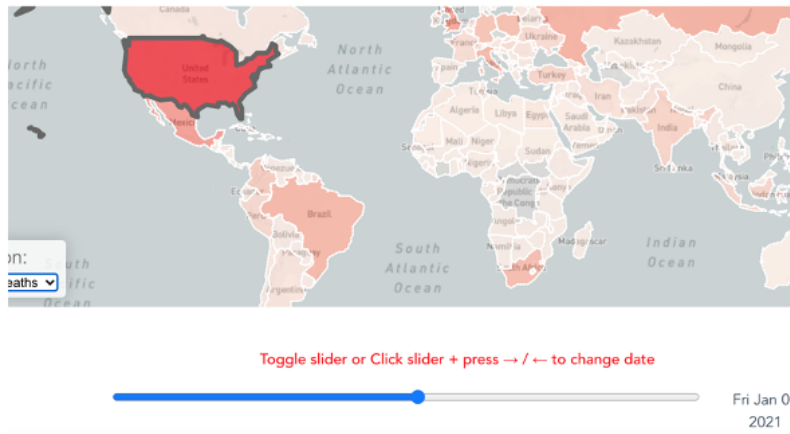
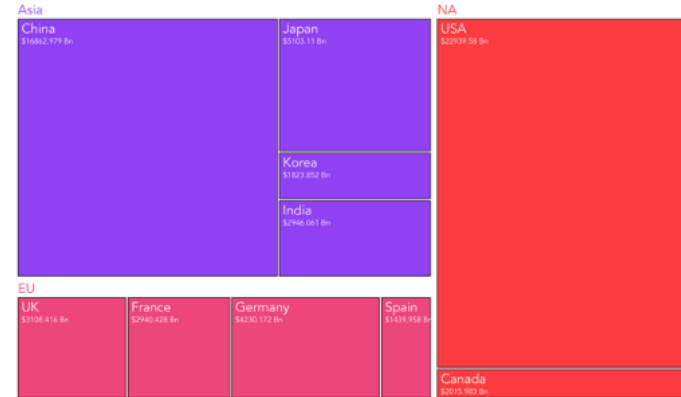
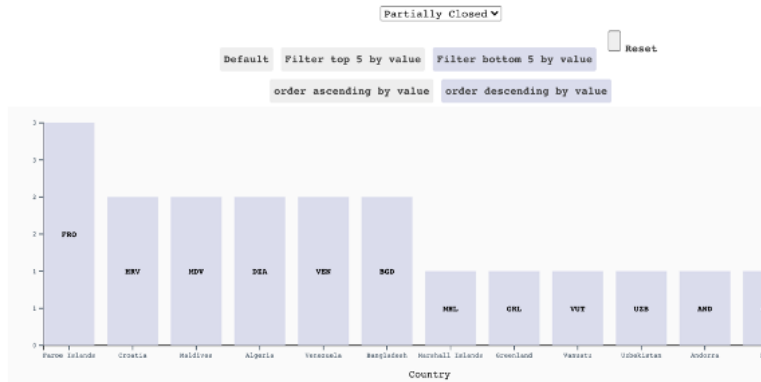


# DESIGN PROCESS(FIGMA)



# WHAT WE HAVE BUILT WITH D3

Duration of school closures(March 2020 - October 2021)



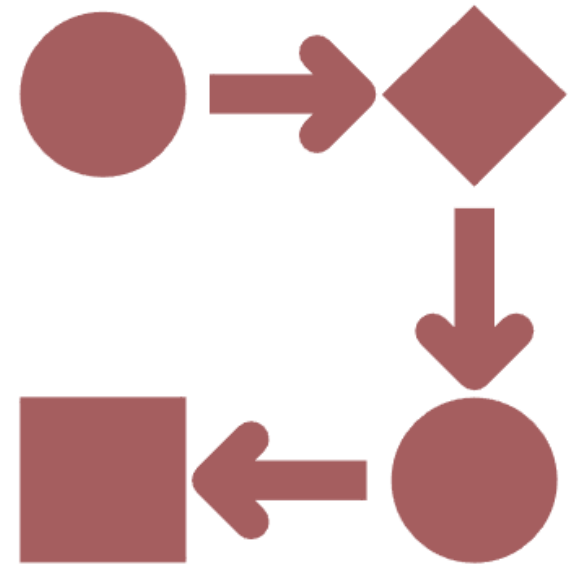


## *WOULD HAVE DONE DIFFERENTLY?*



Intergrating all data in to a single data set  
before developing the dashboard.

Adding more dimensions: international  
travel, food, e-commerce



**Thank You!**