

Shiny Web App on COVID-19

As the world is in the midst of a once in a century pandemic phase, it would be natural for Data Science students to look closely into the data which is being generated on a daily basis.

The aim of our project would be to be an interactive web application which will visualize different variables such as, new cases discovered, tests, recoveries and more. Ordered by country and time as per the user's request.

During the process of creating the Shiny app we would clean, filter and merge the data to fit our needs. This step would incorporate tools which we have learned during the course, such as *dplyr* and *tidyr*, even creating functions. This process will be presented as a *R-markdown* file.

The data will be taken from the following repository (updated daily):

<https://github.com/owid/covid-19-data/blob/master/public/data/owid-covid-data.csv>

Ideas for the visualization and prediction:

<https://ddi.sutd.edu.sg/>

Idea for the Shiny app functionality:

https://gpilgrim.shinyapps.io/SwimmingProject-Click/?_ga=2.61498284.1249865353.1588242075-1341035680.1571240964

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