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Data-Visualization

Visuals

a) What is the question to be answered by your visualization? This answer must be one sentence only.
a) What were the effects of covid-19 on South Africa during the first week of June 2020?

 b) Good visualization enables anyone to browse, to research,
 and to interact with data. Which visuals are you going to use to present this data?
b) Firstly I will use a Pie chart this is to easily show the percentage difference between deaths, confirmed cases, and recovered. I then plan to use a force graph to show easily demonstrate the numbers of cases versus deaths versus recovered. Then I plan to use a line chart in order to demonstrate the death increase over the first week of June.

c) In your design, set out a plan on how you will transform the data from 1 above into the following visual components:

i. Visibility,
I. By clearly separating the data in order for the user to easily distinguish between data
ii. Feedback,
Ii. The graphs are animated showing the user that they are being updated and then the force graph is also able to be manipulated.
iii. Mapping and
Iii. For mapping of data, I am using a CSV file as well as data that is stored in an array in my script tag.
Iv. Constraints
Iv. I feel I am limited by d3.js itself as there are many more powerful and user-friendly charting frameworks out there and I feel d3.js is quite outdated nowadays.