

Student Declaration of Authorship

Course code and name:	F20DV Data Visualisation and Analytics
Type of assessment:	Individual
Coursework Title:	Lab3
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Student ID Number:	H00356721

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Date: 19/03/2022

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For group assessment each group member must sign a separate form and all forms must be included with the group submission.

Your work will not be marked if a signed copy of this form is not included with your submission.

Yishan Wang F20DV Lab 3
18 March 2022 demonstrated to
Xue, Shuangjiang

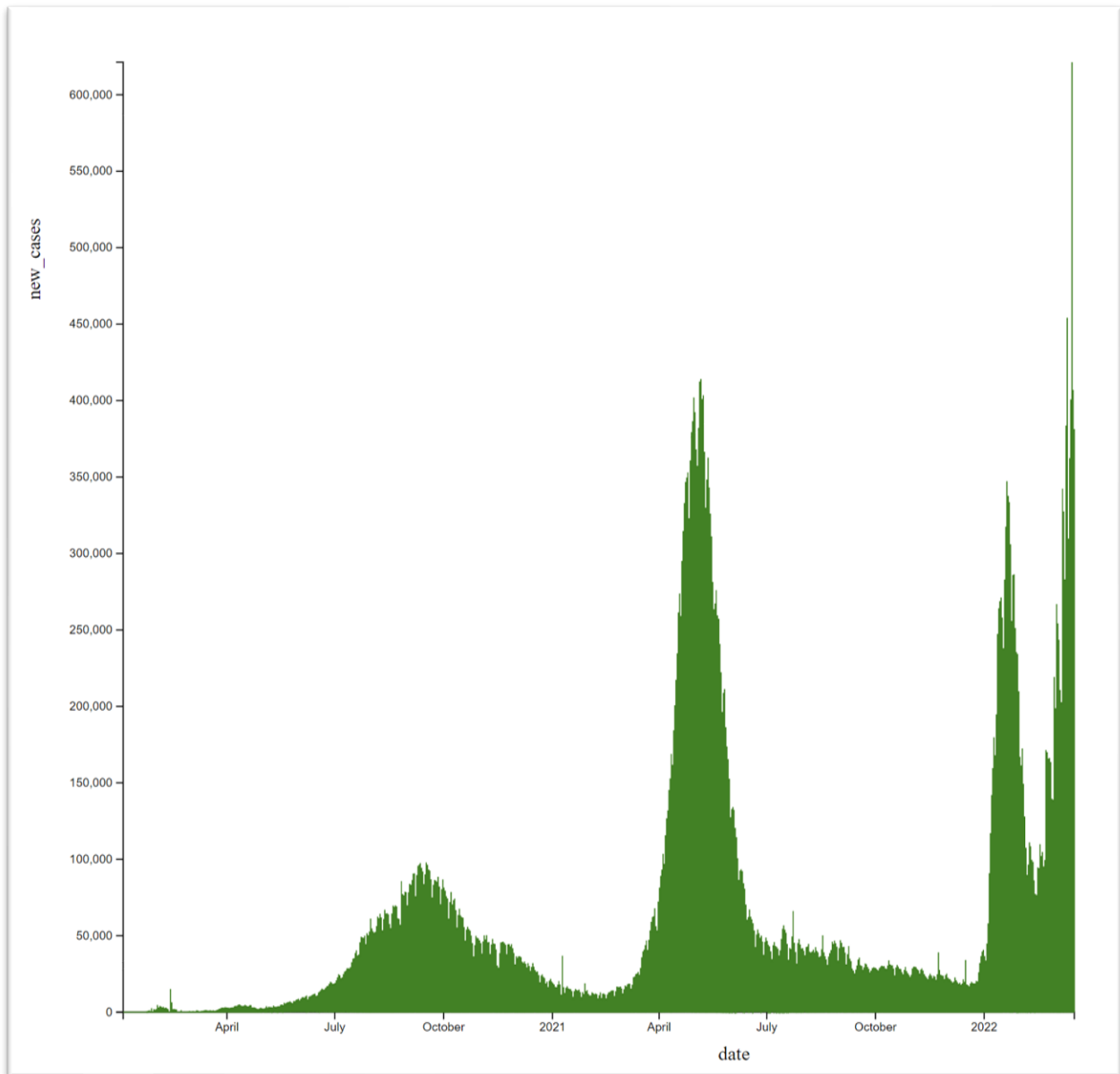
All the exercise can be viewed on this link.

<https://jamesw99.github.io/F20DV/index.html>

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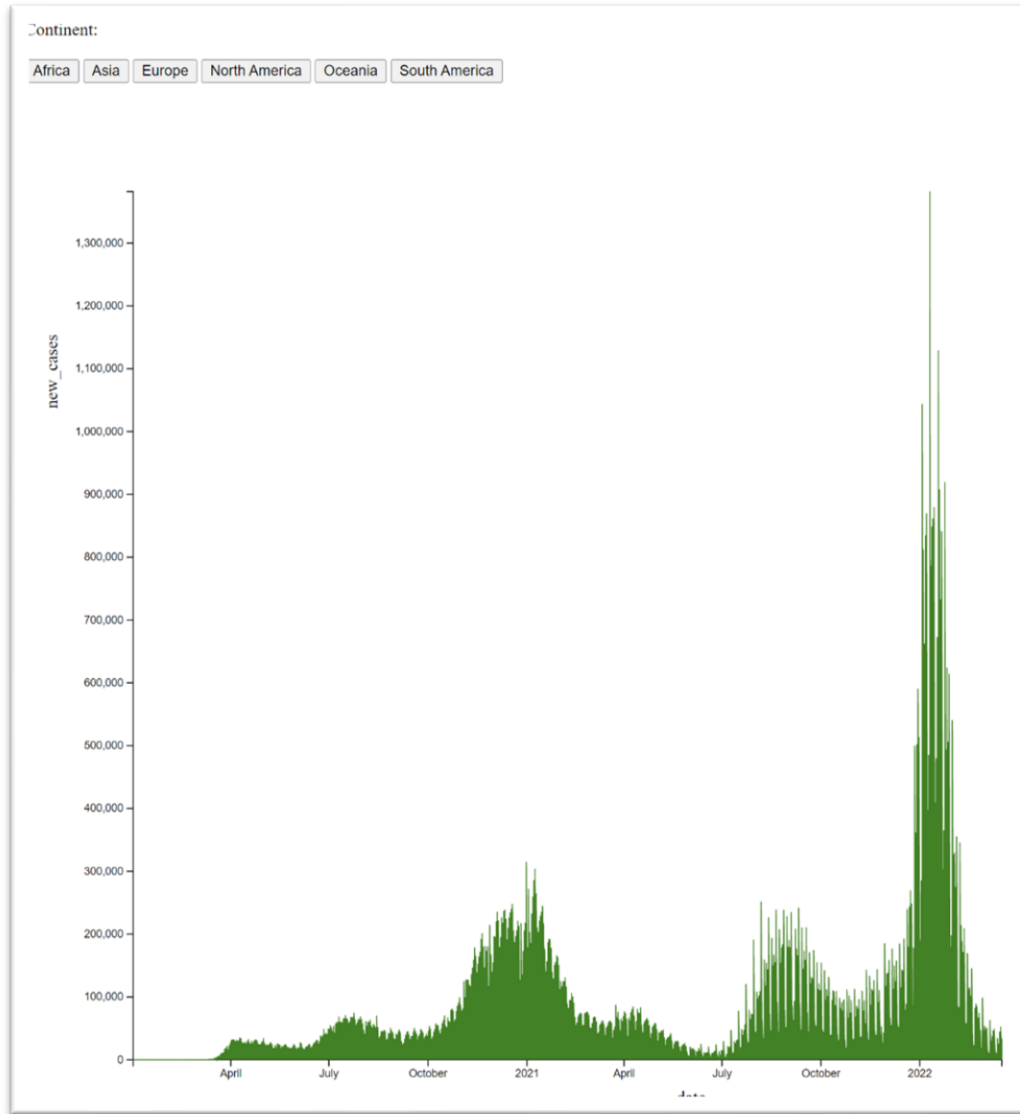
Question1: <https://jamesw99.github.io/F20DV/lab3/covid-data.html>

In this section, I have created a line graph containing two lines to show the trend of new covid cases for a country and a continent. The green line represents the daily new case for a continent and the red line represents the daily new case for a selected country. At the beginning of the chart the following styles will be shown.



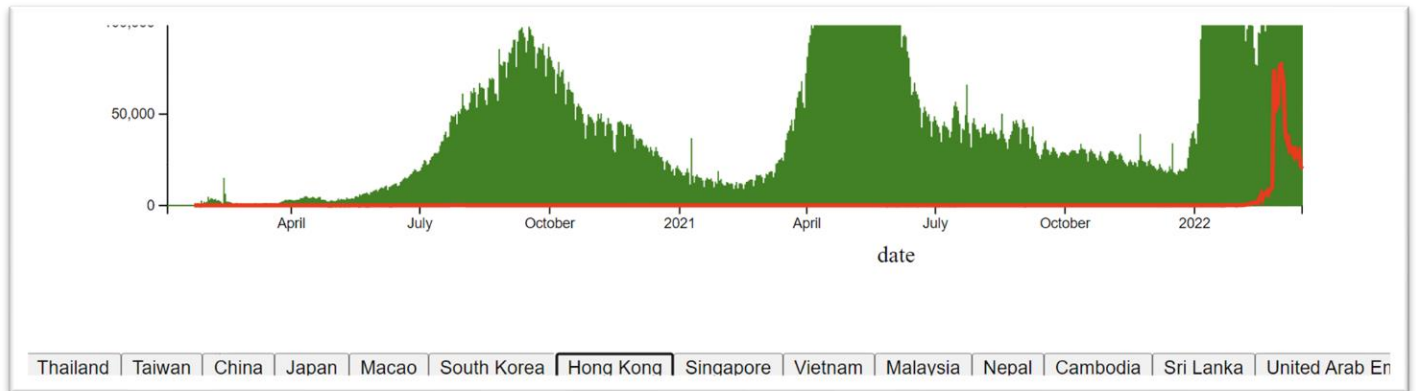
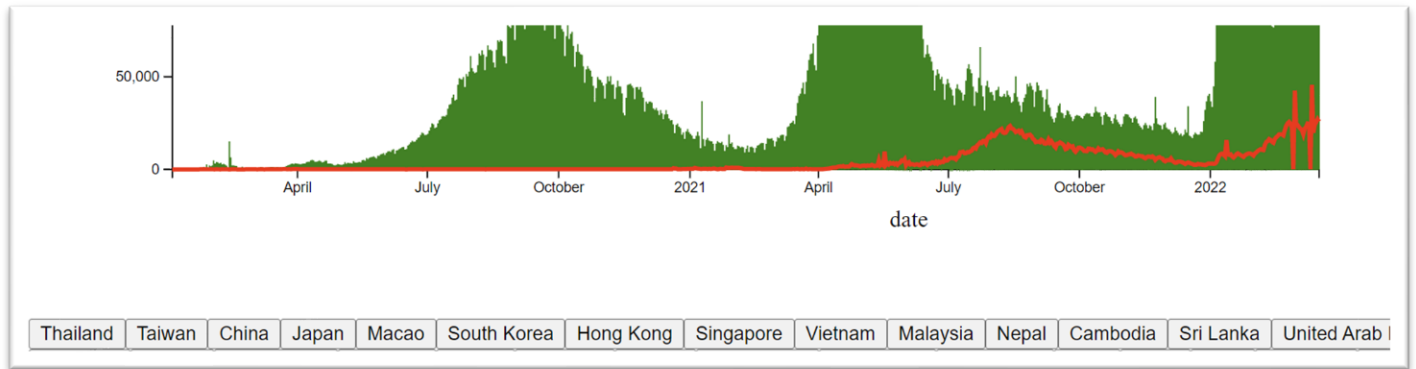
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According to continents buttons, we can switch continents.



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Below the icon is the country button. By clicking on the different country buttons you can see the trend of new covid cases in different countries



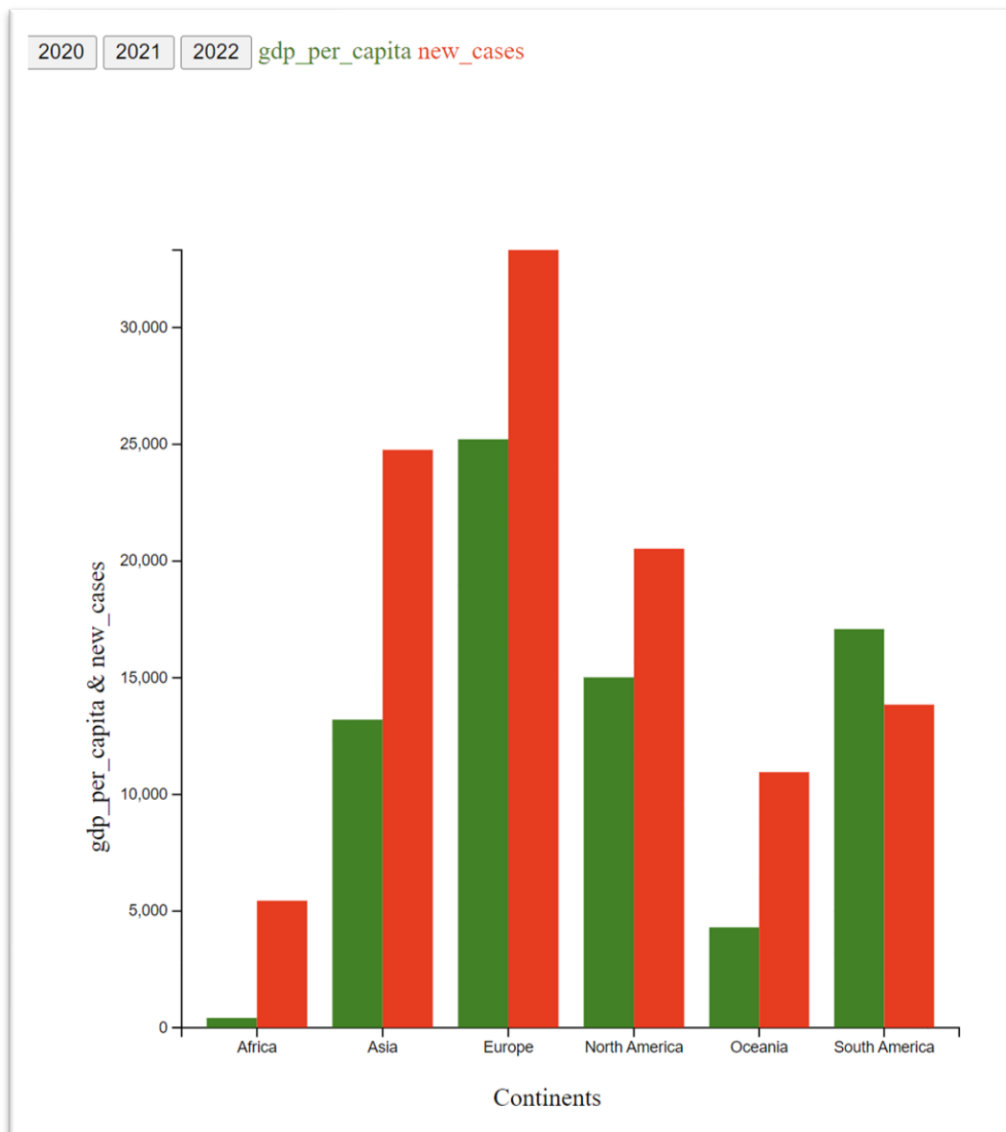
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Question2: <https://jamesw99.github.io/F20DV/lab3/wealth.html>

In this section, I analyse the impact of the pandemic on 'wealth'

I have used bar charts for this analysis. In the table there are two rectangles inside each continent. The green one represents GDP per capita and the red one represents new cases.

At the top of the page there are three buttons. We can view the covid new case and GDP per capita for this continent in different years by year.



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Question3: <https://jamesw99.github.io/F20DV/lab3/booster.html>

In this section, I use scatter plots to depict the impact of the booster vaccine on deaths. x-axis represents the percentage of total boosters and y-axis represents new deaths per million.

I have analysed mainly two countries, the UK and the USA. We can see that the effect of the booster vaccine on deaths is very similar.

