# Data Analysis Report

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## 1.3 Percentage change analysis

Chart, line chart

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This analysis shows the percentage difference of different COVID information for different countries. With these charts we can see that the percentage of new cases increased and then stayed the same for all of them except China. This could be an issue of the data itself as the new case numbers are updated at different times. The percentage change of total cases, deaths per 1 million and tests per 1 million also increased but the percentage of change is so small that it is not visible unless inspected using matplotlib.

These charts would be more useful if we had a longer log of information. Having only 3 days of data can’t really show the tendance of the evolution of COVID. If we had more data, these charts could help us see if a country was doing better against another because it deals in percentages and not absolute numbers. We could easily compare countries to one another.

## 1.4 Bar plots

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This chart shows the number of deaths per million for today for different countries. We can note that India has a very low number of deaths per 1 million and the UK has a high number of deaths per million.

Chart, bar chart

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