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Assignment 2

1 Covid-19

1.1 Is there a trend of new cases?

As we can see in plot 1-2 it's not strictly increasing/decreasing. It has ups and downs but every local minimum is higher than last one. And also every local maximum is higher than last. (higher highs, higher lows)

1.2 Is there a trend of new deaths?

According to plot 2-1 deaths don't have a trend, too. But it has lower highs and lower lows.

1.3 Is there a trend of new vaccinations?

No trend here either. But in plot 3-1 we can see that it suddenly increases hugely.

1.4 Is there any correlation between any of columns?

Apparently there is a noticeable correlation between new cases and new deaths. And there is a reverse correlation between new deaths and total vaccinations. (plot 3-2)

Also icu patients with hospital patient(not surprising). And life expectancy with human development. (so apparently human development help staying alive).

1.5 What percentage of the new cases died(and how it changed?)?

We can see in plot 4-1 that the percentage gets closer to 0.

REFERENCES 2

References

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