Jonathan Pangelinan

Puma Damdinsuren

**TW3**

**Summary:**

1. **Can we make a conclusion that there is a high correlation of high confirms with high deaths?**
   * We can make a conclusion about a positive correlation, but it is difficult to make a conclusion about a high correlation. The outliers of the data make It hard to determine if there really is a correlation because the graph is pictured too small. It would help if a Pearson correlation coefficient were calculated.
2. **What do these plots tell us?**
   * The top two graphs tell us that the number of cumulative cases and deaths increase as the number of days go by. The bottom two graphs tell us that the number of new cases and deaths per day have been increasing until about day 60, and then the count for both have been fluctuating since then.
3. **Does this regression line work for prediction?**
   * Yes, the error of the data appears to be small enough to correlate to the regression line.
4. **Are latitude and longitude good attributes to analyze COVID-19 data?**
   * No
5. **If then, how the analysis should be done?**
   * If location were a factor that were to be analyzed, it would be more informative if other attributes about location were considered such as health precautions taken in an area, the number of hospitals open, or the number of people wearing masks, rather than just physical location.

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