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GitHub Repo:

<https://github.com/rl22aas/DS-Assignment-1>

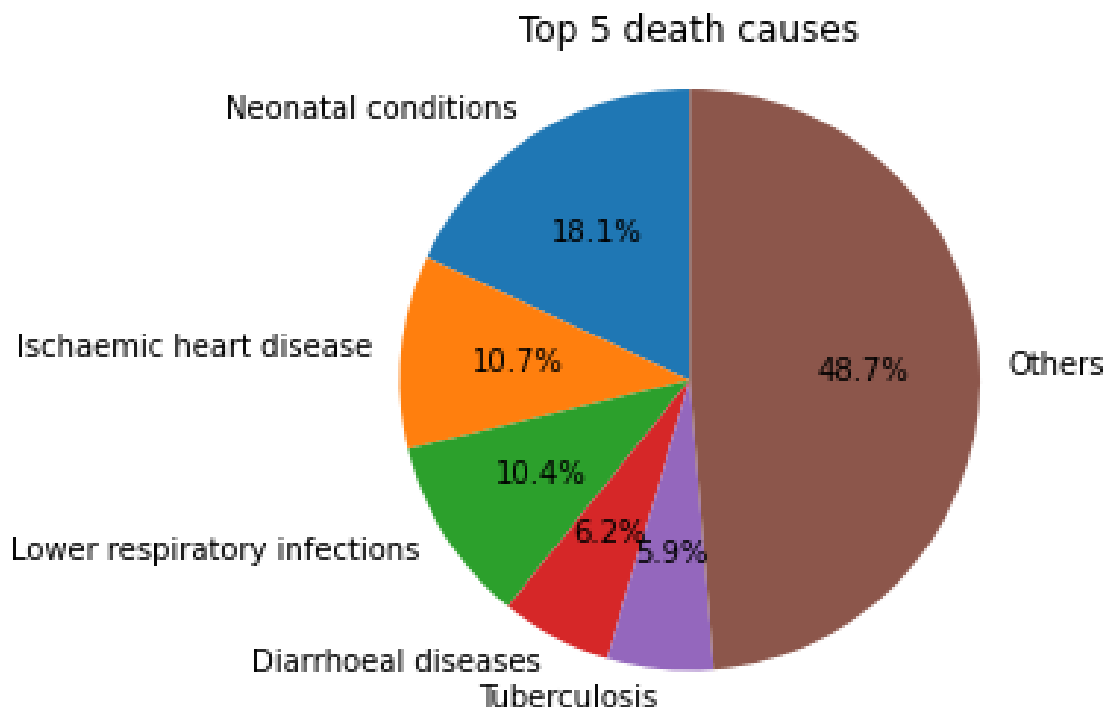
Datasets:

<https://drive.google.com/file/d/1071EGK3cCwwMMx2iEG8EhIlecmiXdjA-G/view>

https://drive.google.com/file/d/1GgN_4WhaRYTqCdLcba_k_NjTjUHCjtM7/view

https://drive.google.com/file/d/1h7KPZxKBb5Zfdd5ZcJGuzxJ3wz8M_6_U/view

Top 5 Death Causes Worldwide:

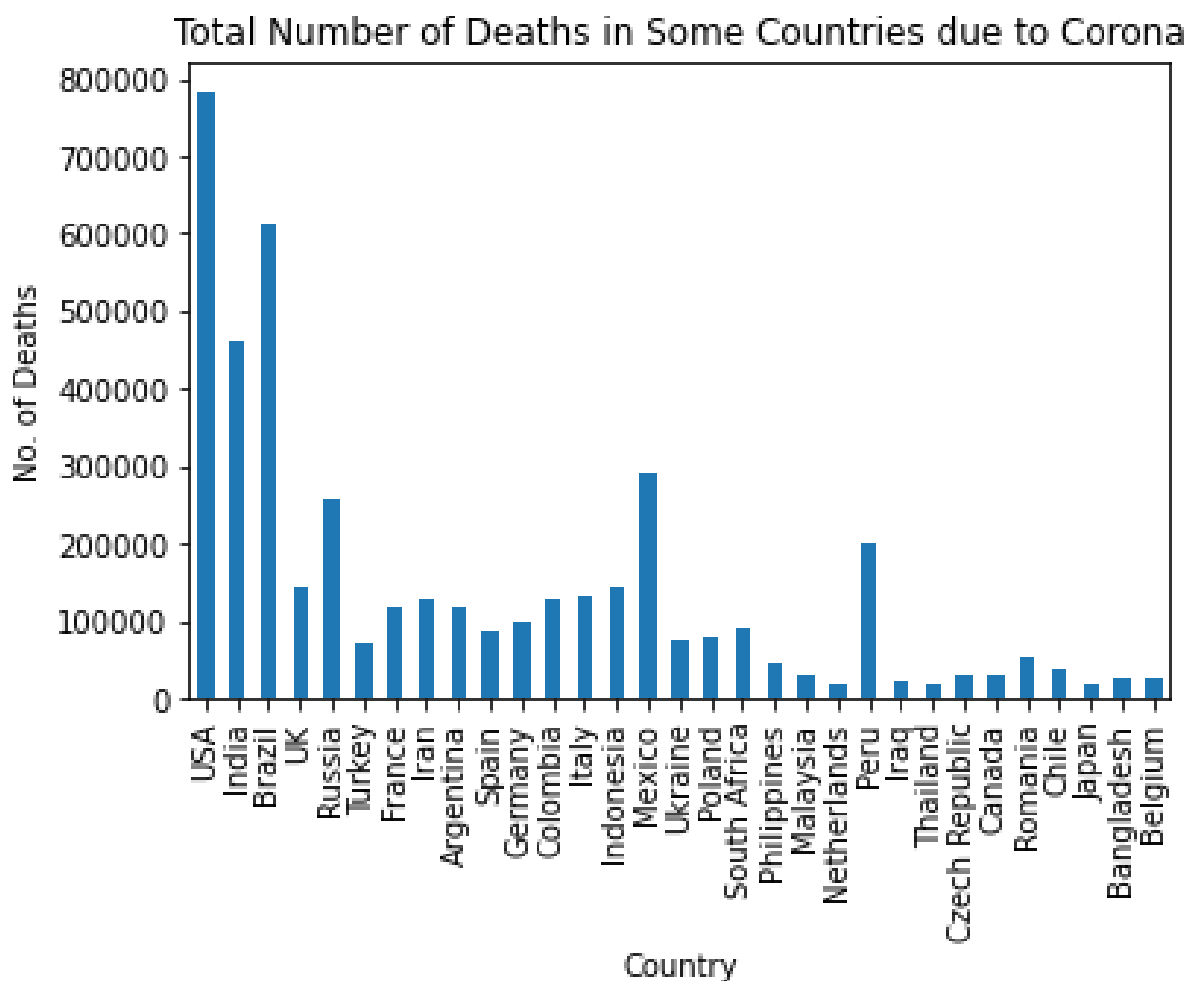


In the field of data visualisation and analysis, the analyst sometimes needs to deal with the data from which she has to provide some results on the basis of its fields' ratios. The pie plot is one of the best choices to display the distribution of data. This is a circular-shaped graph where distributions are displayed using colour coding.

I took a dataset from WHO's website. This dataset contains the number of deaths caused by any disease or cause. I filtered out top 5 causes of deaths and displayed its ratio in the pieplot.

From this plot we can conclude that Neonatal conditions are the main causes of deaths worldwide.

Deaths by CoronaVirus in Different Countries:

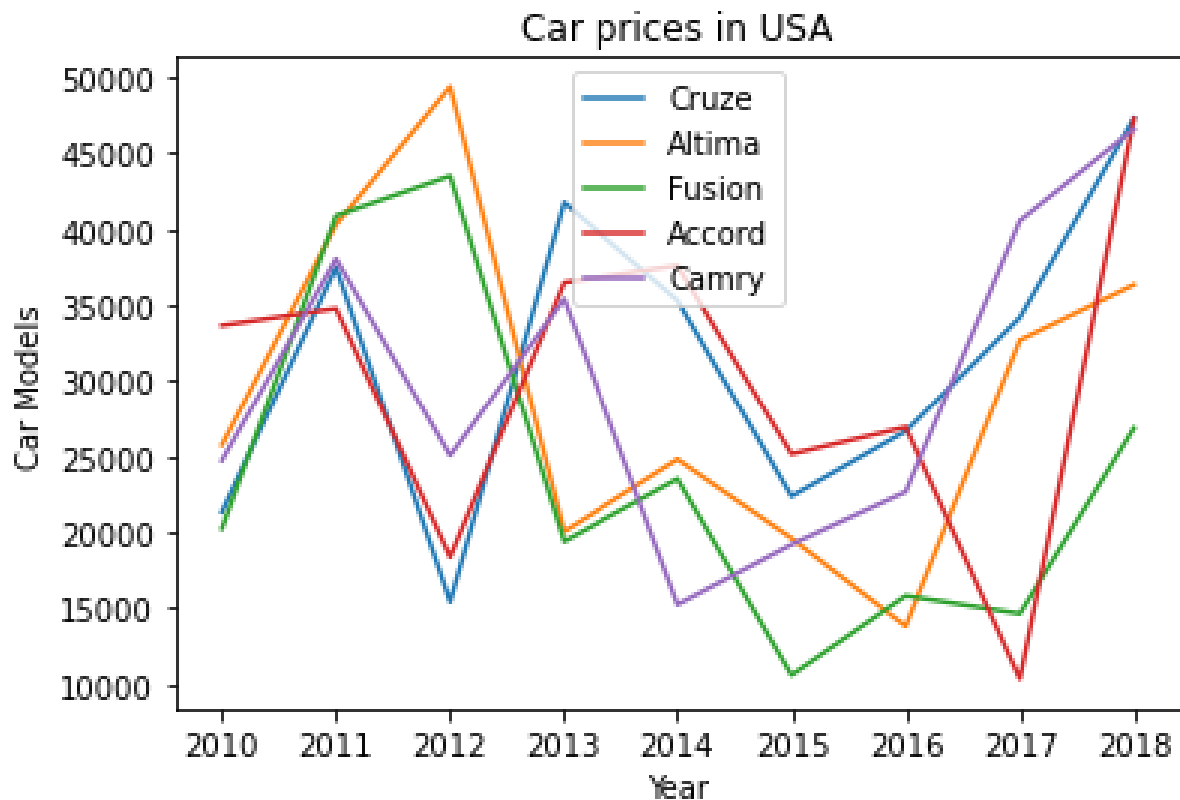


Bar plots are best to display and analyse categorical data. Most of the time, categories go on the x-axis of the bar plot and numeric data against each category is displayed on the y-axis.

In the years of 2020 and 2021, The CoronaVirus (Covid 19) completely changed the way we lived. It causes a lot of deaths worldwide. I have created a plot to display the countries on x-axis and number of deaths on y-axis.

The conclusion of this bar plot is that the Covid 19 mostly disturbed USA in the provided countries.

Car Prices in USA from 2010 to 2018:



The line graph and multiple-line graph are mostly used to display data and variation of data over time.

I have got the data for car prices in the United States of America from the year 2010 to 2018. We can see that there were a lot of ups and downs in the price of car models in the USA.

From this plot, I can conclude that the prices of car models do not depend on time, it depends on the other factors and features.