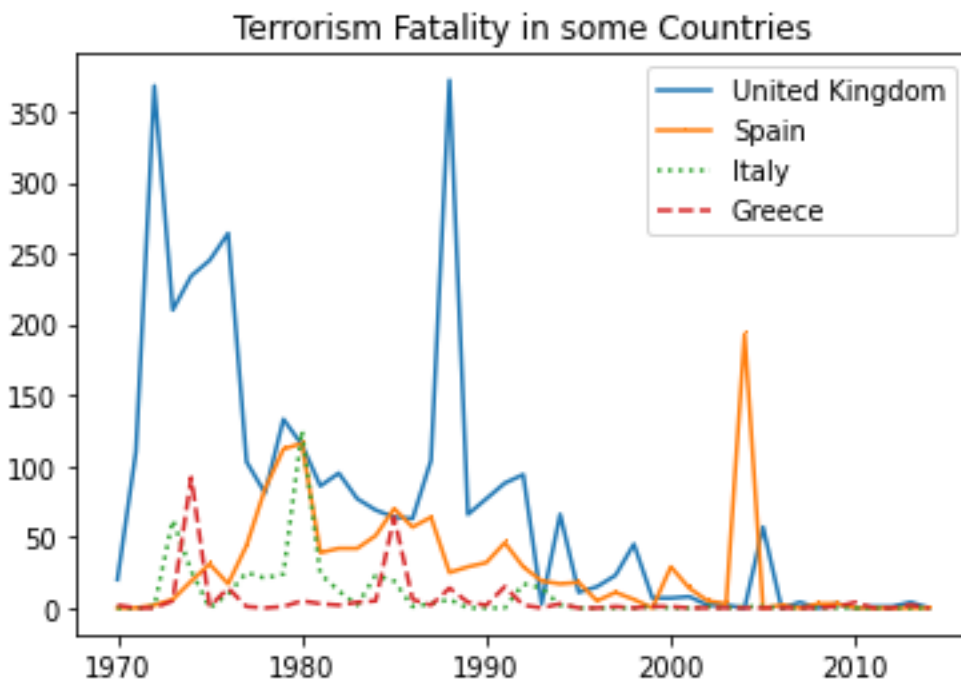NAME: IWERUMOR BLESSING NKOYEASUA

STUDENT I.D: 22069644

Data source: https://github.com/fivethirtyeight/data/tree/master/murder_2016

Repository: https://github.com/bi23aad/ADVANCED-DATA-SCIENCE

Visualisation 1: Line Plot showing the terrorism fatality in four countries.
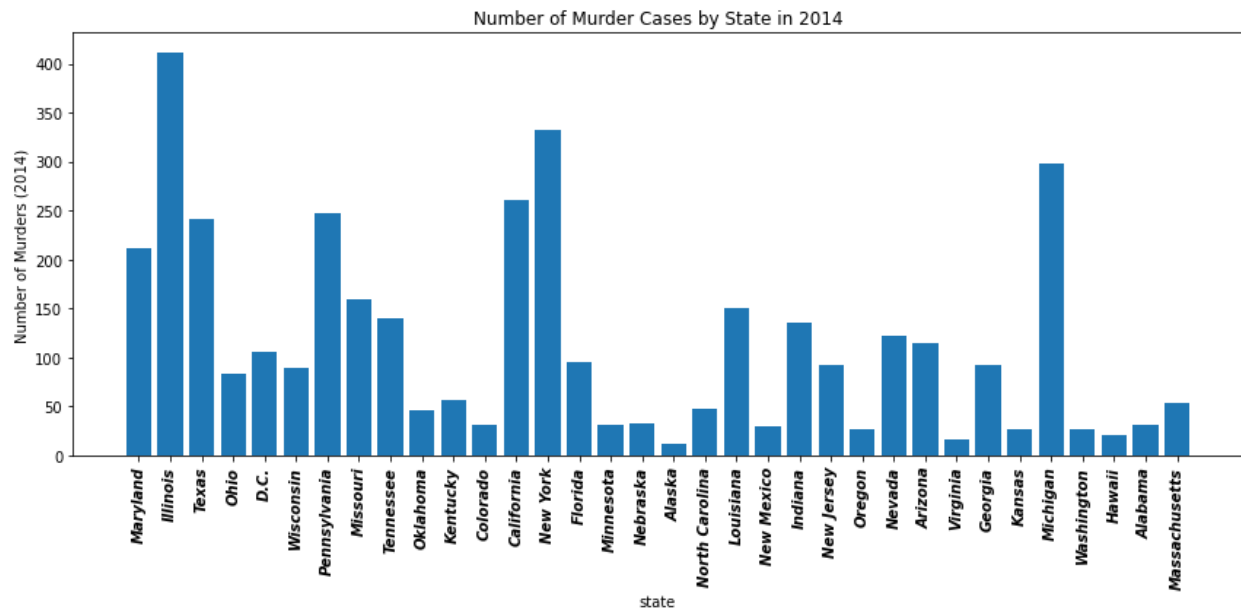

The Line Plot shows the terrorism fatality in four countries; United kingdom, Spain, Italy and Greece between year 1970 to 2010. From the plot the peak terriosm fatality took place in United Kingdom in the year 1970 and the year 1990, this follows by Spain which has a high terrorism fatality between year 2001 to year 2003, while Italy and Greece shows much lesser terrorism fatality compared to United Kingdom and Spian.

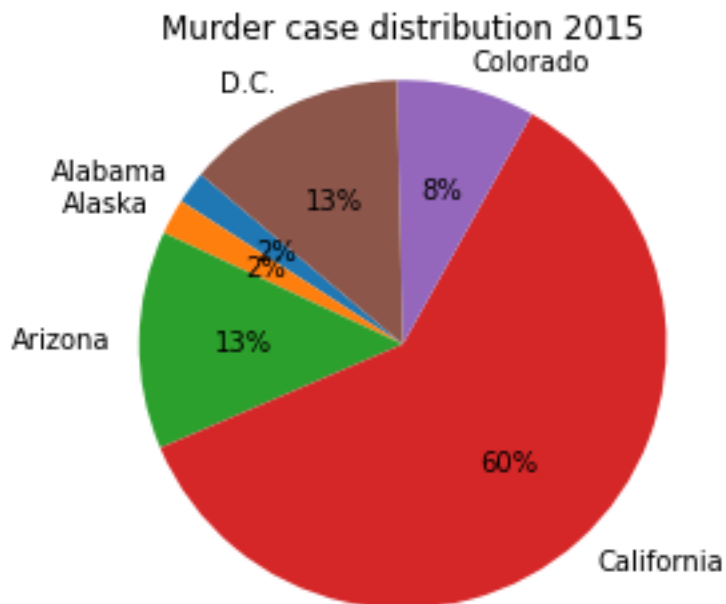I used Line because its good for plotting continuous data.

Data source:

Visualization 2: Bar Chart showing murder cases by states in USA for year 2014

The plot of Bar Chart shows the number of murder cases recorded in different states in the year 2014 in USA. This gives an understanding that Illinois has the highest number of murder cases compared to other states on the plot, while Alaska has the least number of murder cases.

I used Bar Chart because it is good for comparing values.

Visualization 3: Pie Chart showing murder case distribution of 6 states in USA

The plot shows the percentage of murder cases across 6 selected states in USA in the year 2015. This plot shows California has the highest murders in the year 2015 followed by Arizona and Colorado.

I used Pie chart because it is good for comparing sizes.

Repository: https://github.com/bi23aad/ADVANCED-DATA-SCIENCE