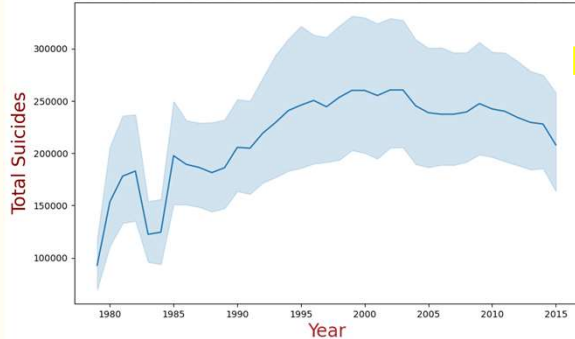


Unraveling Global Suicide Trends Across Decades and Demographics

Introduction:

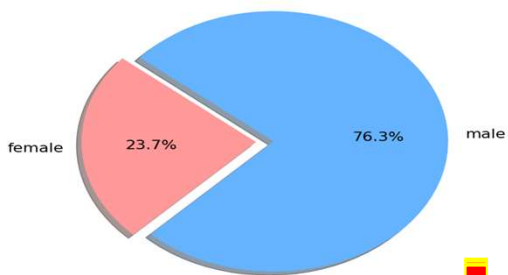
- ➔ Here we are going to take a picture on how many people do suicides across various countries.
- ➔ We will take the stats from 1979 to 2015 and analyse it on the parameters of gender and age-group.

Overall Suicide Rates Over the Years

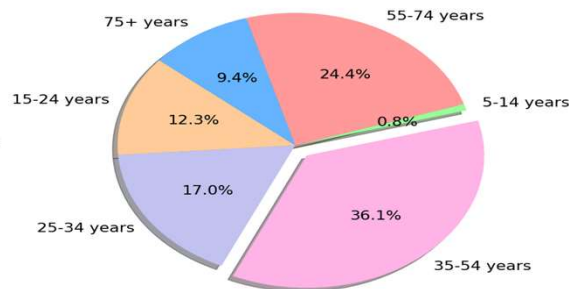


- The period between 1980 and 2000 shows consistent increases in the number of suicides, with some fluctuations in between.
- After reaching the peak in 2003, the number of suicides which was 260,429 gradually declines, with some fluctuations observed.
- The year 2015 marks a notable decrease compared to previous years, with the number of suicides dropping to 207,908.

Percentage of Total Suicides by Sex



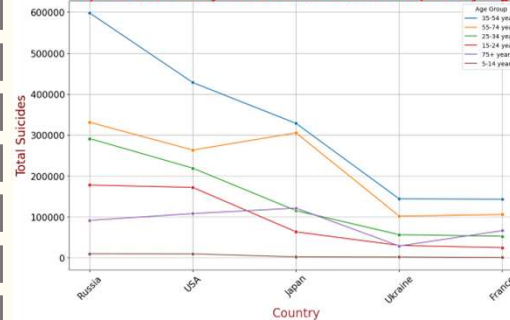
Percentage of Total Suicides by Age Group



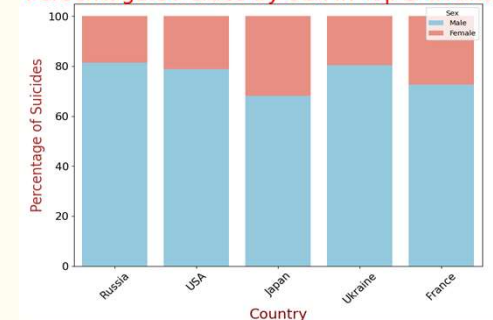
- The above pie-plot highlights significant disparities in suicide rates between sexes and age groups, with males and individuals in the middle-aged range (35-54 years) exhibiting higher vulnerability to suicide.

After taking the general view on the stats of total data, let's us discuss the situation of the top-05 countries with the most suicides numbers.

Top Countries by Suicide Number Grouped by Age

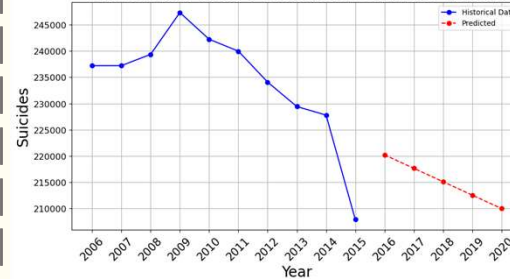


Percentage Suicides by Sex in Top 5 Countries



- Male suicide rates are notably higher compared to female rates, with Russia and the USA having the highest male suicides rate.
- Suicide rates peak among individuals aged 35-54 years, with notable occurrences also seen in the 55-74 age group, while children and young adults exhibit significant rates.
- Suicides rate in USA is still increasing for the last years while it is decreasing for the rest of the top countries.

Historical and Predicted Suicide Rates



Conclusion:

The predicted suicide rates for the next five years (2016-2020) show a gradual decline, with the estimated number of suicides decreasing from 220,209 in 2016 to 209,997 in 2020. This downward trend suggests potential improvements in suicide prevention efforts or changes in societal factors affecting mental health.