Analyzing Suicide Rates from 1980-2016

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Description

We will be using the WHO Suicide Statistics from 1979-2016 to analyze the trends of suicide victims over time using factors such as age, sex, and location throughout the world.

Research Questions

1. What age groups are the most likely to commit suicide? Is it the same for males and females?
   1. Pie chart of percentages per age group (1 male, 1 female, 1 total)
   2. Bar chart for total (1 chart w/ male and female)
2. Which countries have the most suicides and the highest percentage of suicides for males and for females?
   1. Bar chart of top 10-15 countries of total suicides (1 male, 1 female)
   2. Bar chart of top 10-15 countries of percent of population
3. How have the number of suicides changed over time? Has the number increased or decreased? Does this differ for males and females?
   1. Line chart of suicides per year (1 chart w/ a line for males, females)
   2. Scatter plot showing total number in each country, each year

Data Set

WHO Suicides Statistics

<https://www.kaggle.com/szamil/who-suicide-statistics>

Rough Breakdown of Tasks

We will each tackle one of the research questions including cleaning the data and visualizing it.

Males - age groups

Females - age groups

World = age groups

bar chart

male and female

Line Chart

years for X

Y for suicide #'s

male and female