**Global Suicide Rates: 1985-2016**

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[Completion Date]

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# Introduction



Figure 1: Mental Health Awareness, Franco 2019

## **Suicide and the Pandemic**

According to a report from the *UN News*, 800,000 people die from suicide each year (UN

News, 2019). This source went on to mention that the annual suicide rate equates to 1

death every 40 seconds. Another statistic provided was that suicide is the second leading

cause of death among people 15-29 years of age (UN News, 2019).

With the COVID-19 pandemic, people have lost their and had to put their dreams on hold. From *QJM*, depression, fear of contagion, and loneliness from the pandemic relate to rising suicide rates around the world (Sher, 2020). While contracting the virus has been a major concern, the pandemic and mental health has been a subject of utmost importance.

**Why I Chose this Topic**

Like many people right now, I too have been depressed from having to make sacrifices and having to accept the “new normal”. The fear that I might spread the virus, without showing any symptoms, I find to be rather disturbing. The stress from having to make huge sacrifices and the fear of spreading the virus, I can see why people would rather end their lives than keep on living. I am interested in investigating suicide rates around the world.

I plan to do this research to demonstrate my knowledge of machine learning and data analysis. Plus, this will be an opportunity to demonstrate my skills in communicating data insights to other individuals.

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## **The Objective**

I plan to use a CSV file and multiple data models to answer the following questions:

* How does age relate to the number of suicides?
* What is the correlation between the population and suicides committed?
* How is the economy associated with the suicide rate?

# Analysis

## Chart, bar chart Description automatically generated **Age & the Number of Suicides**

Figure 2: Bar-Chart Comparing Age & # of Suicides

This figure describes the global number of suicides with the following age groups: 18-24

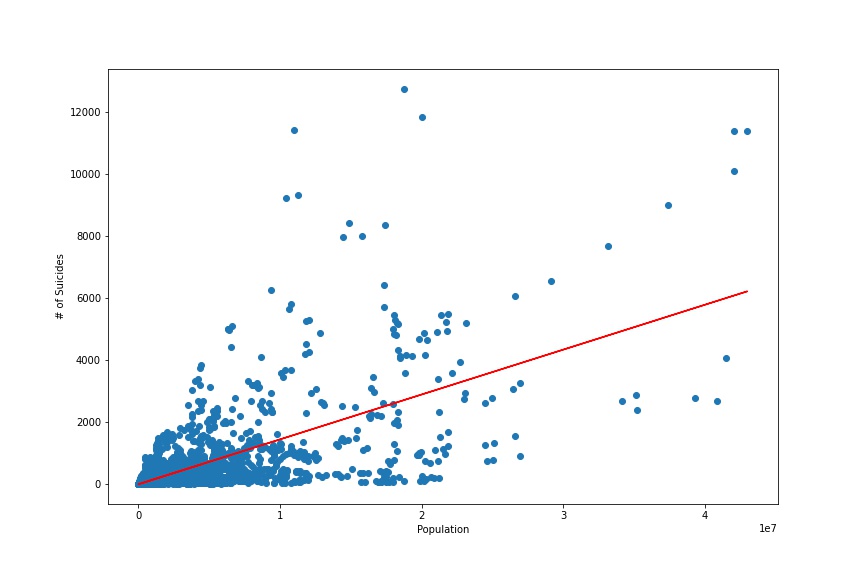
years, 35-54 years, 75+ years, 25-34 years, 55-74 years, and 5-14 years. The group

with the smallest number of suicides is individuals 5-14 years of age. Surprisingly, the group with the highest number of suicides were 35-54 years of age. *UN News* claimed suicide was the second leading cause of death for 15-29-year-olds. So, I didn’t expect for people past that age group to commit that many suicides, globally.

## 

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## **Correlation Between Population & Number of Suicides**



Sources Used

<https://news.un.org/en/story/2019/09/1045892>

<https://academic.oup.com/qjmed/article/113/10/707/5857612>

<https://www.toledolibrary.org/blog/mental-health-awareness>