**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 correlate to the number of suicides?
* How does the economy associate with the suicide rate?
* How has the suicide rate fluctuated?

# Analysis

## **Linear Regression**

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>