

## ▢ Project Summary: Global Suicide Rate Analysis

### ▢ What Was This Project About?

I explored a real-world dataset from the World Health Organization (WHO) that contains suicide statistics across 141 countries from 1979 to 2016.

The dataset included details like age group, gender, population size, and number of suicides for each segment.

My goal was to clean the data, visualize patterns, and generate meaningful insights about suicide trends globally.

### ▢ What Did I Do?

▢ Loaded and explored the raw dataset using Python and Pandas.

▢ Cleaned missing values and created a new metric: suicide rate per 100,000 people (to allow fair comparison between countries of different sizes).

▢ Used Seaborn and Matplotlib to create graphs and heatmaps.

▢ Discovered 5 key insights — and shared them in simple, language.

### ▢ What Did I Learn from the Data?

Here are the 5 main things I found — explained in simple terms:

1. ▢ Older people are most at risk
2. ▢ Men die by suicide much more than women
3. ▢ Suicide rates have gone down overall — but not everywhere

4. □ Some countries are hit harder than others
5. □ Even young kids are affected.

---

## ## □ Final Thoughts

Data is not just numbers — it's a lens into real people's lives.  
This project helped me see how data science can be a force for awareness, empathy, and change.

---

### □ Why This Project Matters

Suicide is not just a statistic — it's a global human issue.

This project helped me understand how data can reveal important patterns that help us care, notice, and act.

It also showed me how to use Python, data visualization, and storytelling to make data meaningful.

---

> □ **\*\*Let's connect!\*\***

If you found this project helpful or interesting, feel free to check out more of my work or get in touch!