

ANALYZING GLOBAL SUICIDE RATES

December 2024

FOUOTSOP FOSSO PATRICK

patrick.fouotsop@facsciences-uy1.cm

CONTEXT

As a Data Analyst, you have been appointed by an international mental health organization to conduct an in-depth analysis of global suicide rates. The organization aims to understand the trends and factors contributing to suicides across countries and demographics to better inform their global mental health initiatives. Your findings will be instrumental in shaping mental health policies, resource allocation, and targeted interventions worldwide.

KEY OBJECTIVES

Your primary goal is to deliver actionable insights through data analysis and create an interactive Power BI dashboard that highlights key trends and risk factors contributing to suicide rates. This will help policymakers and mental health experts identify high-risk regions, demographic groups, and the socio-economic factors most closely linked to suicide rates.

- Global Overview
 - Total suicides by year
 - Suicide rates over time globally and by regions
- Demographic Analysis
 - Suicide rates by gender
 - Age group analysis of suicide rates to identify at-risk cohort

- Country Comparison

- Total suicides by country
- Countries with the highest and lowest rates.

- KPI

- Calculate key metrics like total suicides, average suicide rates
- Age group analysis of suicide rates to identify at-risk cohort

GOOD LUCK