

Introduction to Business Problem: Suicide Rate Analysis by Decade

Suicide is a sensible topic to study. Many reasons are involved when someone decides to take his or her life. In this study, we will analyze the rates of suicide around the world from 1985 to 2016. Our objective is to find for which countries the rate of suicides is decreasing/increasing. In addition, we will analyze the suicide rates by country, decade, sex and age.

The target audience of this project is any mental health department who wants to implement a new policy to prevent suicides. This report will provide evidence of countries in which the suicide rates are decreasing. Normally, this decrease might be associated with an effective change in policies by those countries. Further, any person or organization planning to study suicide rates will find this report useful as an initial point.

The data set we will be working with was pulled from four other datasets linked by time and place, and was built to find signals correlated to increased suicide rates among different cohorts globally, across the socio-economic spectrum.

References

1. United Nations Development Program. (2018). Human development index (HDI). Retrieved from <http://hdr.undp.org/en/indicators/137506>
2. World Bank. (2018). World development indicators: GDP (current US) by country:1985 to 2016. Retrieved from <http://databank.worldbank.org/data/source/world-development-indicators>
3. Szamil (2017). Suicide in the Twenty-First Century [dataset]. Retrieved from <https://www.kaggle.com/szamil/suicide-in-the-twenty-first-century/notebook>
4. World Health Organization (2018). Suicide prevention. Retrieved from http://www.who.int/mental_health/suicide-prevention/en