**About the dataset:**

This compiled dataset 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.

country, year, sex, age group, count of suicides, population, suicide rate, country-year composite key, HDI for year, gdp*for*year, gdp*per*capita, generation (based on age grouping average) are the content inside the dataset.

**Task Distribution:**

As a data scientist your task will be to predict the suicide rate and also find out insights from the dataset and finally create a rshiny dashboard.

Task 1: Plot according to the suicide rates by the country. Include a selection widget so that people can select and see the information of the specific country in a data table.

Task 2: Find out suicide rate insights according to age, sex, year (different plot for each category)

Task 3: Predict the suicide rate and visualize them.

All the task must be shown in a rshiny dashboard.

**References:**

United Nations Development Program. (2018). Human development index (HDI). Retrieved from <http://hdr.undp.org/en/indicators/137506>

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#](http://databank.worldbank.org/data/source/world-development-indicators)

[Szamil]. (2017). Suicide in the Twenty-First Century [dataset]. Retrieved from <https://www.kaggle.com/szamil/suicide-in-the-twenty-first-century/notebook>

World Health Organization. (2018). Suicide prevention. Retrieved from <http://www.who.int/mental_health/suicide-prevention/en/>