**PROJECT TITLE**: Global suicide analysis.

**ABSTRACT**: In this project, we present a comprehensive analysis of global suicide data using Python programming language. Suicide is a significant public health issue with complex socio-economic and psychological determinants. Our objective is to explore patterns, trends, and potential factors associated with suicide rates on a global scale.

We start by collecting and preprocessing a dataset containing information on suicide rates, demographic factors, and economic indicators from various countries. Using Python libraries such as pandas, matplotlib. we perform extensive data exploration, analysis, and visualization.

Our analysis includes temporal trends in suicide rates, demographic disparities, correlations between suicide rates and socio-economic variables such as GDP per capita, and hypothesis testing to evaluate significant differences in suicide rates across different demographic groups.

Through this project, we demonstrate the power of Python programming and data analysis techniques in understanding and addressing pressing public health issues such as suicide.

**OBJECTIVES:**

1.Identification of temporal trends and patterns in global suicide rates over time.

2.Understanding variations in suicide rates across different demographic factors such as age, gender.

3.Comparison between gender and no of suicide.

**OUTCOMES:**

1.Finding out the year wise analysis.

2.To get know the certain age groups that are more inclined to suicide.

3.To obtain the relationship between gender and the number of suicides.