

Title: DEPRESSION LEVEL DETECTION.

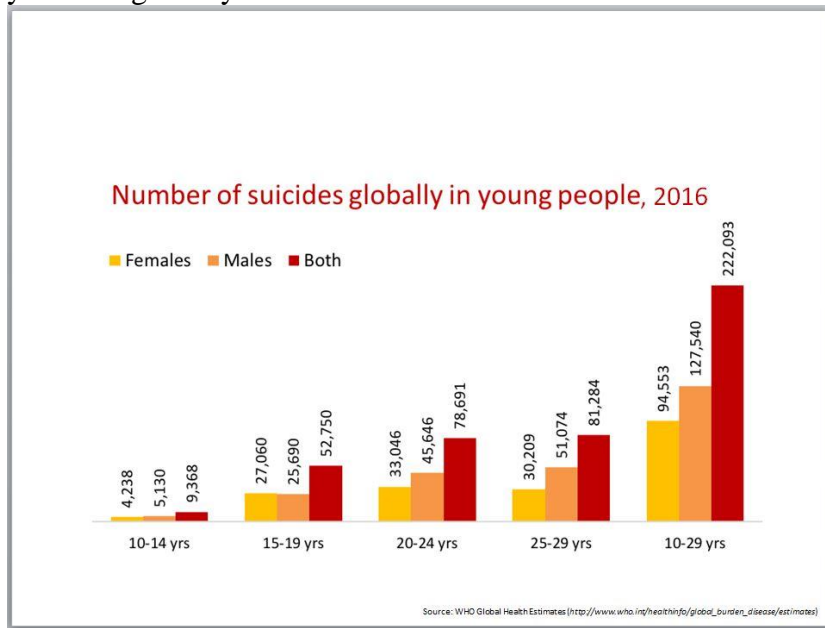
Depression: Depression (major depressive disorder) is a common and serious medical illness that negatively affects how you feel, the way you think and how you act. Fortunately, it is also treatable. Depression causes feelings of sadness and/or a loss of interest in activities you once enjoyed. It can lead to a variety of emotional and physical problems and can decrease your ability to function at work and at home.

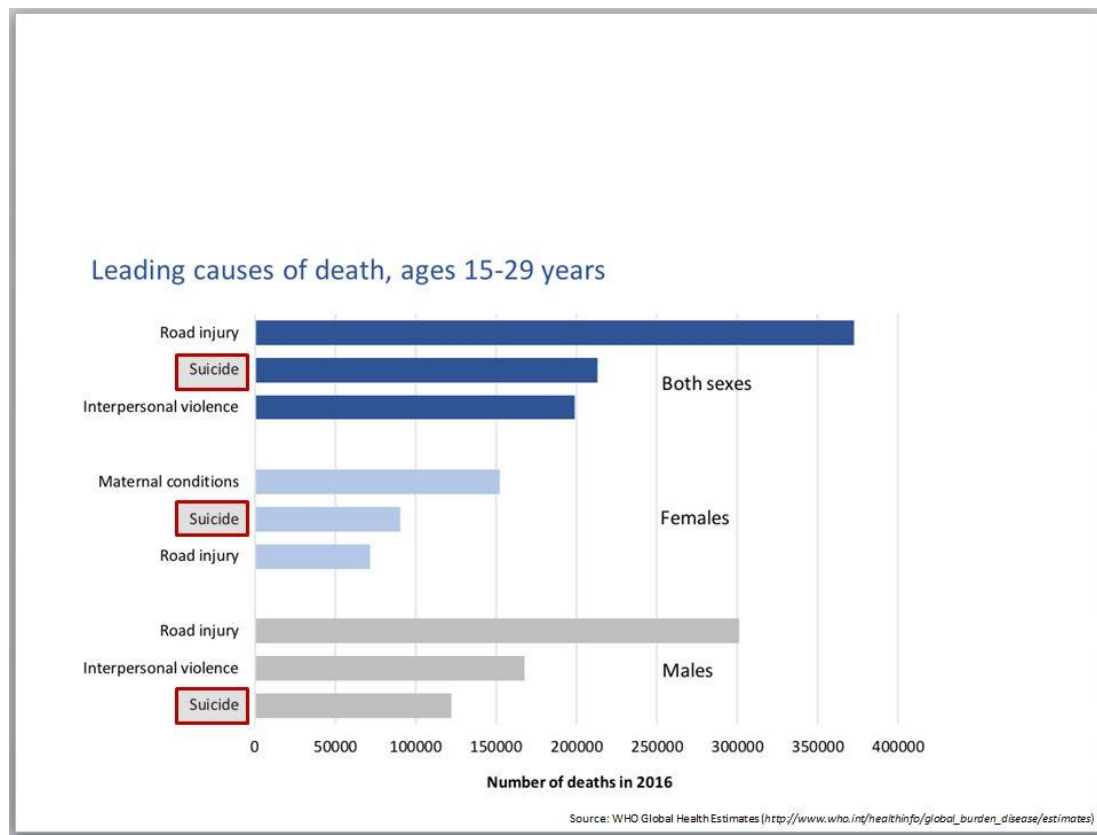
Our project is about depression level detection. In this project we will use a dataset, which will contain data about few people. We will use this data to detect if a person is depressed or not. And if a person has depression, we will try to use machine learning to solve his depression.

Depression is a common illness worldwide. It is not only a problem for Bangladesh but the world. According to WHO, Close to 800 000 people die due to suicide every year. Suicide is the second leading cause of death in 15-29-year-olds. People of all class and age suffer from depression and commit suicide. So if we can detect a person is depressed we can take action before it's too late. In recent years we can see that many celebrities and famous people had committed suicide because of depression. Here are some charts showing how people of any age, gender and class had committed suicide because of depression.

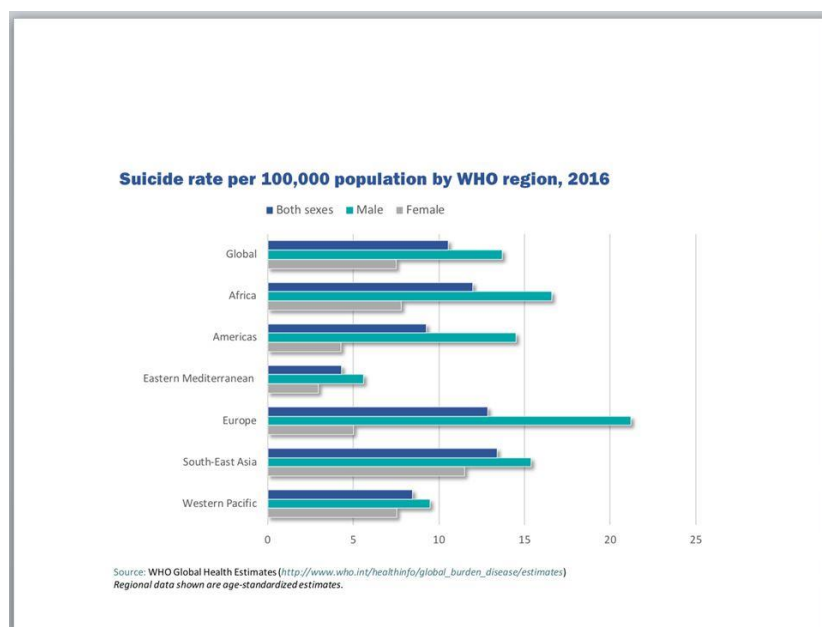
Global data

Suicide occurs throughout the lifespan and is the second leading cause of death among 15-29 year olds globally.

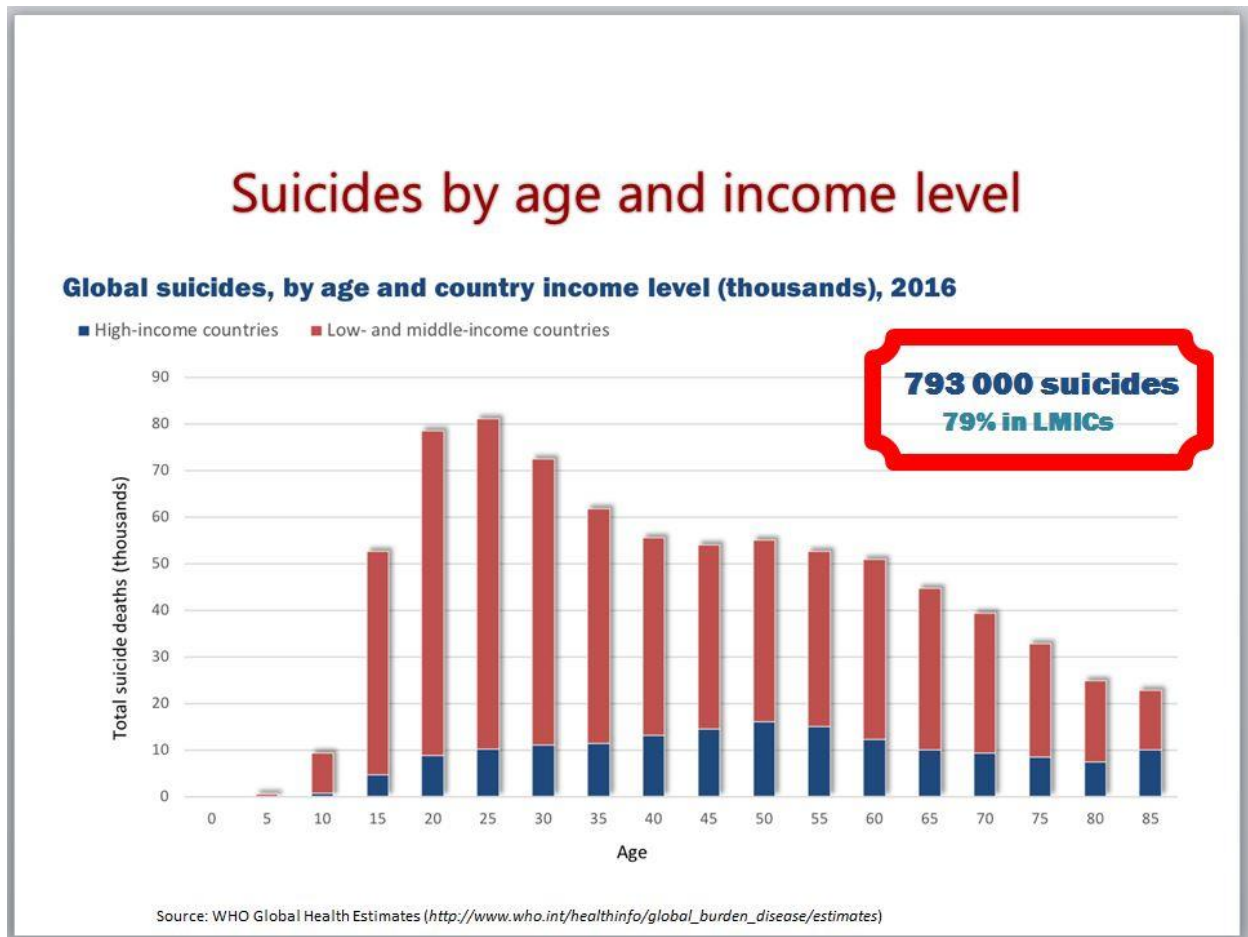




Suicide is a global phenomenon; in fact, 79% of suicides occurred in low- and middle-income countries in 2016. Suicide accounted for 1.4% of all deaths worldwide, making it the 18th leading cause of death in 2016.



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As I have never done this kind of project, I and my fellow group member will have to help each other to the whole project. So we will all have to contribute our thoughts and idea about how the project will be and how we can get end result. So I will give my best to help in any area possible for me to do.

As this project has a lot of area to be covered such as we need an algorithm that will have work with less error. So we need to try out couple of algorithm to find out which one is the best. So we need a lot of time to make the project error free. To get the project working properly we may need 7-8 weeks time.