Problem Statement

Date	20th October 2022
Team ID	PNT2022TMID09615
Project Name	Visualizing and Predicting Heart Diseases with an Interactive Dash Board

Who does the problem affect?
People with unhealthy lifestyles, stress, depression, age above 40 and when their ancestors got heart disease (since heart disease is hereditary).

When does the issue occur?
The issue occurs for people with unhealthy lifestyles and age above 40. Where is the issue occurring? The issue is originating from an unhealthy lifestyle. It mostly occurs in the blood valves of the heart.

What would happen if we didn't solve the problem?
If we don't solve the problem, many people will die at a young age. The death rate due to heart disease will increase rapidly.

Why is it important to fix the problem?
We should predict the problem before giving treatment to the patients. As the problem is predicted early, we can solve it easily and early.

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Heart diseases is said to be a big threat for the people above the age of 40.But now a days even the youngest people under the age of 40(between 30- 40) might have a high chances of getting coronary artery diseases(CAD).This condition occurs when fatty substances called plaque builds up inside your coronary arteries.And other reasons are due to hyper tension rise in BP level(diabetes	Our solution is about to findout the persons who are all on the edge to caught by heart disease.	When they facing a problem of health illness they feel lonely,get depressed of them and their family,feel insecure etc.	The main reason of getting Cardio Vascular Diseases are diabetes,high cholesterol, blood pressure,smoking,mental depression,eating an unhealthy diet and family history of heart disease.	Cardiophobia is the main fear,Get tensed and collapsed when handling tough situations,And they want a good care from their loved ones.

	people below 80/120mmHg).				
PS-2	Heart faliure due to shortness of breadth heart attack due to sudden cause of blockage in valve.In Medical feld it can be treated mostly using ECG. But when we come to technology feld for identifying and providing a solution in the feld of medicine,we must undergo several ideas to innovate things that make use of individuals who are all undergoes these problems	For this we taking a survey on people health conditions by age, gender and what type of foods they are intaking,by this we predict and visualize the people those who are all normal vs affected through data analytics.	After knowing their illness can be treated,they have hope,confidence to tackle their problem and fight for they love.	The main reason of getting Cardio Vascular Diseases are diabetes,high cholesterol, blood pressure,smoking,mental depression,eating an unhealthy diet and family history of heart disease.	It is the most valuable thing for them and First of all they should have the self-belief that they'll be alright.