

# Visualizing and Predicting Heart Diseases with an Interactive Dash Board

Team Leader : T.Gokul

Team Member : B.Hariharan

Team Member: L.Arunachalam

Team Member: S.Subhas

## CUSTOMER PROBLEM STATEMENT:



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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 failure due to shortness of breath heart attack due to sudden cause of blockage in valve. In Medical field it can be treated mostly using ECG. But when we come to technology field for identifying and providing a solution in the field 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.