

Ideation Phase

Problem Statement

Date	04 November 2022
Team ID	PNT2022TMID43115
Project Name	Visualizing and Predicting Heart Diseases with an Interactive Dashboard
Maximum Marks	2 Marks

PROBLEM STATEMENT:

Heart disease can be managed effectively with a combination of lifestyle changes, medicine and, in some cases, surgery. With the right treatment, the symptoms of heart disease can be reduced and the functioning of the heart improved. The predicted results can be used to prevent and thus reduce cost for surgical treatment and other expensive. The overall objective of our work will be to predict accurately with few tests and attributes the presence of heart disease. Attributes considered form the primary basis for tests and give accurate results more or less. Many more input attributes can be taken but our goal is to predict with few attributes and faster efficiency the risk of having heart disease. Decisions are often made based on doctors' intuition and experience rather than on the knowledge rich data hidden in the data set and databases. This practice leads to unwanted biases, errors and excessive medical costs which affects the quality of service provided to patients. There is a wealth of data available within the healthcare systems. However, there is a lack of effective analysis tools to discover hidden relationships and trends in the data for African genres

I am	The person to analyze the data on the record of health data using data analytics.
I'm trying to	Use the recent technologies to predict the Analytics for Heart disease Data.
But	I am unaware of the existing technology that can help me a lot to analyze the health care data and I don't know to use the correct technology.
Because	I don't want to waste the cost and time.
Which makes me feel	I want a best accuracy which can analyze the health care data so that the people can move with their necessary treatments.

