

## **PROBLEM STATEMENT**

Team ID	PNT2022TMID28768
Project Name	Visualizing and Predicting Heart Diseases with an Interactive Dash Board

In this world lot of people are suffering due to heart diseases.WHO (WORLD HEALTH ORGANIZATION) tells in (US) half of peoples are affected in heart disease and in worldwide 2020 (17.9 million of peoples) are death in the heart disease in estimate 32% in worldwide. In CVD (CARDIOVASCULAR DISEASE) is the most dangerous in Heart Disease in lot of hospitals are available in the world but some peoples are not intrusting to check the health condition, So the not easy to predicting the Heart Disease Patient in the world. In the current generation the lot of devices and Machines are developed to use in Hospitals. Hospitals are developed Medicines are developed but Humans are not developing.

In this Case to check the peoples in free Health check campus are placed in all places and in rural area go house to check the health problem and in Lot of Companies are available in the world in this companies to conduct the health check camp in our company. In all the check report to check how many peoples are affect in breathing problems and Blood Related Problems and pain related problems and some heart problem ex:(Heart Attack) in this check-up report the analysis the doctors and, in this data, to submit in (WHO) to explain the problems in heart disease.

In this Dataset to use predicting the heart disease in the world in the data to analyse the heart related problems and which type of problems are heart disease problem to predict the data of how many heart disease peoples are in the world. in data to use dash board to predict the heart disease in year by year and country by country to predict in dash board to get all the data to visualizing the data for easy understanding

the concept in this heart disease to get all peoples health data to move the next step of this prediction.

Who does the Problem Affect?	<p>This problem can involve major structural issues, such as the absence of a ventricle or problems with unusual connections between the main arteries that leave the heart.</p> <p>It is caused by the people having age of more than 46 years. This is also a disease passed down by hereditary.</p>
Some issues of heart diseases	<ul style="list-style-type: none"> <li>• Heart attacks</li> <li>• Heart failure</li> <li>• Arrhythmia</li> <li>• Valve disease. ...</li> <li>• High blood pressure. ...</li> <li>• Congenital heart conditions. ... □</li> </ul> <p style="text-align: center;">Inherited heart conditions. • Unstable angina.</p>
When does the heart related issues occur	<p>This issue occurs in men/people with unstable lifestyle and in people above the age of 45 or above.</p>
Where is the issue coming	<p>This issue is coming originates from people who have an unstable health condition. A heart attack occurs when an artery that sends blood and oxygen to the heart is blocked. Fatty, cholesterol-containing deposits build up over time, forming plaques in the heart's arteries.</p>

Why is it important so we fix the problem	<p>There are 2,380 deaths from CVD each day, based on 2018 data. On average, someone in the US has a stroke every 40 seconds. There are about 795,000 new or recurrent strokes each year, based on 1999 data. On average, someone dies of a stroke every 3 minutes and 33 seconds in the US. About 697,000 people died from heart disease in 2020—that's 1 in every 5 deaths. So, it is important to create a predictor to mitigate this problem.</p>
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