

Problem statement formation:

How can we predict if a person with specific health parameters has a high possibility of having heart attack

Context:

Heart attack is not a serious condition but the rate at which it occurs for humans all around the world makes it a very serious ailment. There is a heart attack occurring every 20 seconds and a heart fatality every minute all across the globe. But in most cases heart attack and fatality that occurs because of it can be prevented if we can identify the person who has a higher probability of getting it and provide them with proper medication.

Criteria for Success:

- Try to list out the necessary health parameters that indicate the cause/occurrence of a heart ailment.
- Predict the possibility of a heart ailment for individuals based on this parameters

Scope of Solution space:

- Identify two groups of individuals both with and without the possibility of heart attack.
- Gather their health parameters and start analysing it

Constraints within solution space:

- Individuals having a sense of fear and not providing us with accurate results
- Individuals providing us with results that are not legitimate

Stakeholders:

- Medical Council head
- CEO of our organization
- Doctors

Data Sources:

- Single CSV File obtained from Kaggle
- It is information dataset that contains the data of health parameters of certain individuals