# 1. CUSTOMER SEGMENT(S)

6. CUSTOMER LIMITATIONS EG. BUDGET, DEVICES

Avoidable medical errors. Low treatable mortality rates. Lack of transparency. Difficulty finding a good

doctor. High maintenance costs. The lack of insurance

coverage. The shortage of nurses and doctors. A

different perspective on solving the shortage crisis.

#### 5. AVAILABLE SOLUTIONS PLUSES & MINUSES

Explore AS, differentiate

cus on PR, tap into BE, understand

Extract online & offline CH of BE

- \* Eliminate the short-term practice of data cleansing.
- \* Learn how to perform analysis, visualizations and algorithms effectively
- \* Heart disease prediction system aims to exploit data mining techniques on medical data set to assist in the prediction of the heart

\* Heart Disease affected Patients

\*Aged Persons

\*Youngsters

#### 2. PROBLEMS / PAINS + ITS FREQUENCY

#### 9. PROBLEM ROOT / CAUSE

SL

## 7. BEHAVIOR + ITS INTENSITY

## Quality of Data:

The quality of data should be accurate and reliable. Obviously, the outcome will solely depend on the data we put into the prediction. If the data is skewed, then the prediction which is dependent on it, will be skewed as well.

Leading risk factors for heart disease and stroke are high blood pressure, high low-density lipoprotein (LDL) cholesterol, diabetes, smoking and secondhanded smoke exposure, obesity, unhealthy diet, and physical inactivity.

Solutions: Don't smoke or use tobacco, eat a hearthealthy diet, maintain a healthy weight, manage stress, Get regular health screenings.

\*Develop or improve upon the strategic vision.

\*Segment Patients with personalization.

### 3. TRIGGERS TO ACT



10. YOUR SOLUTION

8. CHANNELS of BEHAVIOR



Accuracy of Datasets, Information of ECG and Heart disease related tests for patients.

4. EMOTIONS BEFORE / AFTER



Indicate that strong emotions, especially negative such as hostility, anger, depression and anxiety, precipitate coronary heart disease

The use of analytics in healthcare improves care by facilitating preventive care and EDA is a vital step while analyzing data. The use of data analytics and virtualization tool to find the risk factors that causes heart disease is considered and predicted using k-means algorithm and the analysis is carried out using a publicly available data for heart disease.

Patients will be a part virtualization. For example, accessing and seeing all medical records in online.

#### OFFLINE

- \*Emergency stroke
- \*surgery
- \*Regular checkup

dentify strong TR & EM