

# **V.S.B.ENGINEERING COLLEGE, KARUR**

## **Department of Electronics and Communication**

### **Engineering**

#### **IBM NALAIYA THIRAN**

**TITLE** : Visualizing and predicting heart

diseases with an interactive dashboard.

**DOMAIN NAME** :Data Analytics

**LEADER NAME** : Abirami T

#### **TEAM MEMBER**

**NAME** :A Afiya fargath

Jenifer G

Jothika M G

**MENTOR NAME** : Janani S

#### **IDEATION**

##### **Afiya fargath A's Idea**

Predicting heart disease with a visualizing like creating a common pie chart and dashboards with the help of collecting data in which age all should be aware of the heart disease. creating this and telling people to be precaution in that time and lead a healthy life.

##### **Jothika M G,s Idea**

We can have regular checkup of every individuals monthlywise and get collected in village to city order wise,this might help to predict the heart

disease of each individuals easily.

### **Jenifer's Idea**

We can create our own chart on the basis of our health and get used to it and make sure of predicting the sugar level and other criterias by collecting their data which also useful for us predict the future heart diseases easily and we can be prepared and get a precaution for this

### **BEST IDEA**

Team member Afiya fargath idea is best because the modulation of our body changes and creating data with age wise, what are all the mandatory things that one should do and donot everything should be tabled and visualize to all human beings. The pie chart will show the major effects of heart disease, and also shows the advantage and level of danger with age and cholesterol level.

By this idea we can easily predict the heart disease and we can make sure that the person stays healthy or not. Heart disease is he major part of one's body to stay healthy. This chart will demonstrate all the levels in the body which should maintain in range. The data will display all the parameters in the body which cause a person heart attack.

The mapping also ensure that the project will be done in the accordance with the data creates visualizing and easily predictable and helps to see the causes of the other body parameters so that one can make themselves save by viewing this survey.

## Heart Attack

### Symptoms



**chest pain**



**shortness  
of breath**



**pain, stiffness,  
or numbness in  
the upper body**



**cold sweat**



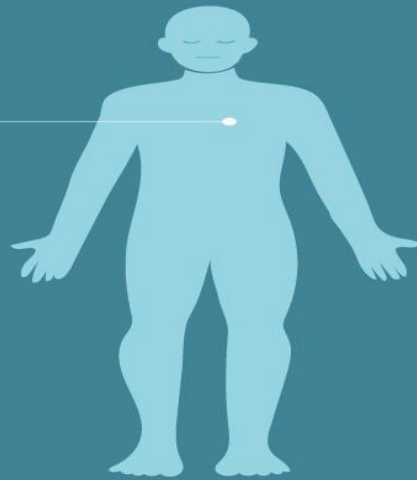
**nausea and/  
or vomiting**



**light-headedness,  
dizziness, or  
fainting**



**fatigue**



**heartbeat  
changes**



**stomach  
discomfort**



**a blue tint to  
the lips, hands,  
or feet**