

DEFINE THE PROBLEM STATEMENT

FOR

Visualizing and Predicting Heart Diseases with an Interactive

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User Identification:

- The given patient has any past medical history
- Whether the patient is having blood pressure or not
- Identify whether he/she has immediate risk of cardiac arrest
- Give solutions for the heart disease prevention
- Advicing about food habits and excersise for heart disease curing

Goal:

- **Predict** whether a patient should be diagnosed with Heart Disease. This is a **binary** outcome.
Positive (+) = 1, patient diagnosed with Heart Disease
Negative (-) = 0, patient not diagnosed with Heart Disease
- Experiment with various **Classification Models** & see which yields greatest **accuracy**.
- Examine **trends** & **correlations** within our data
- Determine which **features** are **most important** to Positive/Negative Heart Disease diagnosis