**Problem Statement: Heart disease prediction**

**Description –**

* Heart disease prediction is the process of determining an individual's risk of developing heart disease based on various factors such as age, gender, family history, lifestyle, medical history, and results of medical tests.
* The goal of heart disease prediction is to identify individuals who are at high risk of developing heart disease so that they can take preventative measures to reduce their risk.
* Heart disease is a leading cause of death worldwide, and early prediction and prevention can greatly improve health outcomes and save lives.
* Machine Learning models can be used to identify individuals who are at high risk of developing heart disease and to target preventative measures, such as lifestyle changes and medical treatments, to those who need it most.

**Requirement Specification:**

* Use historical dataset on Heart disease prediction with features such as Age, Sex, Chest pain type, BP level, Maximum Heart rate
* Develop suitable ML models which can foretell the presence or absence of Heart disease.
* Compare accuracy of the developed model and add your inference

**Judging Metrics:**

* **Heart disease prediction** -Precision, Recall, Accuracy, Sensitivity, Specificity and F1-score, confusion matrix