**Heart Disease Prediction**

**Best Accuracy Model is Logistic Classification: -**

#1.What is the % of Correct classification of both Heart-Diseased and Not-Diseased to the Total input in the test set = 73% (Accuracy)

#2.What is the % of Correct classification of Heart-Diseased people to the Correctly and Wrongly Heart-Diseased in the test set = 75% (Precision)

#3.What is the % of Correct classification of Heart-Diseased people to the Correctly Heart-Diseased in the test set = 79% (Recall)

#4.Overall Performance of Heart-Diseased people = 77% (F1-Score)

#5.What is the % of Correct classification of Not-Diseased people to the Correctly and Wrongly Not-Diseased in the test set = 69% (Precision)

#6.What is the % of Correct classification of Not-Diseased people to the Correctly Not-Diseased in the test set = 63% (Recall)

#7.Overall Performance of Not-Diseased people = 66% (F1-Score)

#8.What is the average performance of Correctly and Wrongly classified = 72% (Macro Avg- Precision)

#9.What is the average performance of Correctly classified = 71% (Macro Avg- Recall)

#10.What is the average performance of Overall Performance = 71% (Macro Avg- F1-Score)

#11.What is the sum of the product of the proportion rate and the Correctly & Wrongly Heart-Diseased in the test set = 72% (Weighted Avg- Precision)

#12.What is the sum of the product of the proportion rate and the Correctly Heart-Diseased in the test set = 73% (Weighted Avg- Recall)

#13.What is the sum of the product of the proportion rate and the Overall Performance of the test set = 72% (Weighted Avg- F1-score)