Results

Gradient Descent:

α = 0.01

Iterations = 1000

Final value of J = 0.096

Evaluation:

Number of True Positives: 116

Number of False Positives: 9

Number of True Negatives: 146

Number of False Negatives: 3

Accuracy: 0.9562043795620438

Precision: 0.928

Recall: 0.9747899159663865

F1: 0.9508196721311476