ASSIGNMENT-8: Logistic Regression

1. Final parameter values of the logistic regression model.

Parameter w:-

[[0.67429237 0.81865891 0.49256908 … 0.27893794 0.7034334 0.09905841]

 [0.47895184 0.28251472 0.58629575 … 0.0836107 0.93384938 0.80646077]

 [0.22703714 0.82006394 0.38223936 … 0.76730744 0.4667453 0.16319715]

 …

 [0.96961985 0.68401832 0.15722496 … 0.48123315 0.22228975 0.23695202]

 [0.79205106 0.11925609 0.17825754 … 0.70046668 0.60617782 0.09521995]

 [0.45118081 0.79140602 0.29121878 … 0.09538541 0.45753188 0.75419454]]

Parameter b:-

[0.18076442 0.78288263 0.41275328 0.21582949
0.8543164 0.34979223 0.54823582 0.3225219
0.00965455 0.92152378]

2. Accuracy and Confusion matrix of test set

Accuracy= 0.8642

Confusion Matrix: