**MACHINE LEARNING**

**Assignment 3(NEURAL NETWORKS)**

Parameswar K 2016A7PS0021H

Anish Reddy E 2016A7PS0104H

Sandeep Chowdary 2016A7PS0070H

**DATASET USED:**

DOGS VS. CATS REDUX

**Learning Rate - 0.01**

**Accuracy – 52.44%**

**Precision – 0.48**

**Recall – 0.66**

**F1 – 0.555**

|  |  |  |
| --- | --- | --- |
|  | Predicted No | Predicted Yes |
| Actual No | True negative  1179 | False positive  1591 |
| Actual Yes | False negative  759 | True Positive  1471 |