

| MODEL                    | SENTIMENT | F1-SCORE | PRECISION | RECALL   | ACCURACY |
|--------------------------|-----------|----------|-----------|----------|----------|
| LOGISTIC REGRESSION      | Positive  | 0.915584 | 0.880150  | 0.953992 | 86.8687  |
|                          | Negative  | 0.704545 | 0.820106  | 0.617530 |          |
| DECISION TREE CLASSIFIER | Positive  | 0.879535 | 0.889889  | 0.869418 | 82.2222  |
|                          | Negative  | 0.660886 | 0.639925  | 0.683267 |          |
| k-NN CLASSIFIER          | Positive  | 0.918099 | 0.914708  | 0.921516 | 87.7273  |
|                          | Negative  | 0.755287 | 0.763747  | 0.747012 |          |
| SVM CLASSIFIER           | Positive  | 0.923129 | 0.924068  | 0.922192 | 88.5354  |
|                          | Negative  | 0.774578 | 0.772277  | 0.776892 |          |
| RANDOM FOREST CLASSIFIER | Positive  | 0.897987 | 0.890812  | 0.905277 | 84.6465  |
|                          | Negative  | 0.689796 | 0.707113  | 0.673307 |          |