|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Experiment | Classifier | Accuracy | Precision | Recall |
| Polarity Experiment 1 | Naive Bayes | 76.1714 | 0.765 | 0.762 |
| J48 | 70.1982 | 0.703 | 0.702 |
| Random Forest | 77.1078 | 0.772 | 0.771 |
| Logistic Regression | 78.23378 | 0.783 | 0.782 |
| Multi Layer Percentron | 75.7436 | 0.76 | 0.757 |
| SVM | 82.3210 | 0.823 | 0.821 |
| Polarity Experiment 2 | Naive Bayes | 75.1803 | 0.755 | 0.752 |
| J48 | 69.4532 | 0.691 | 0.690 |
| Random Forest | 77.2341 | 0.761 | 0.760 |
| Logistic Regression | 79.2452 | 0.782 | 0.780 |
| Multi Layer Percentron | 77.0456 | 0.755 | 0.750 |
| SVM | 83.4214 | 0.810 | 0.819 |
| Polarity Experiment 3 | Naive Bayes | 77.1432 | 0.760 | 0.758 |
| J48 | 72.2345 | 0.714 | 0.710 |
| Random Forest | 71.1008 | 0.712 | 0.704 |
| Logistic Regression | 78.2432 | 0.781 | 0.777 |
| Multi Layer Percentron | 75.7436 | 0.76 | 0.757 |
| SVM | 82.3210 | 0.823 | 0.821 |
| Rating Experiment 1 | Naive Bayes | 70.1734 | 0.691 | 0.690 |
| J48 | 65.1632 | 0.663 | 0.650 |
| Random Forest | 66.1098 | 0.682 | 0.661 |
| Logistic Linear Regression | 69.2337 | 0.692 | 0.670 |
| Multi Layer Percentron | 70.4521 | 0.701 | 0.691 |
| SVM | 70.9210 | 0.799 | 0.785 |
| Rating Experiment 2 | Naive Bayes | 73.1444 | 0.733 | 0.731 |
| J48 | 67.4684 | 0.671 | 0.670 |
| Random Forest | 67.1078 | 0.673 | 0.671 |
| Linear Regression | 70.2353 | 0.707 | 0.702 |
| Multi Layer Percentron | 72.523 | 0.729 | 0.700 |
| SVM | 74.4340 | 0.743 | 0.733 |
| Rating Experiment 3 | Naive Bayes | 71.1444 | 0.709 | 0.702 |
| J48 | 67.4242 | 0.677 | 0.670 |
| Random Forest | 70.1798 | 0.704 | 0.701 |
| Linear Regression | 74.4325 | 0.743 | 0.742 |
| Multi Layer Percentron | 75.5453 | 0.755 | 0.750 |
| SVM | 76.3343 | 0.764 | 0.671 |