|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Precision (%) | Recall (%) | F-Measure (%) | Correctly Classified Instances | Incorrectly Classified Instances | Accuracy (%) |
| Logistic Regression | 58.19 | 60.39 | 56.89 | 302 | 198 | 58.41 |
| KNN | 87.83 | 87.00 | null | 435 | 65 | 69.21 |
| Gaussian Naïve Bayes | 70.89 | 39.00 | 33.28 | 195 | 305 | 36.16 |
| Multinomial  Naïve Bayes | 40.96 | 47.19 | 39.57 | 236 | 264 | 47.16 |
| Bernoulli  Naïve Bayes | 46.84 | 49.8 | 45.17 | 249 | 251 | 46.66 |
| Decision  Tree(CART) | 86.61 | 87.2 | 86.20 | 436 | 64 | 83.99 |
| Decision  Tree(ID3) | 73.09 | 73.99 | 72.15 | 370 | 130 | 70.4 |
| Random  Forest | 85.55 | 87.2 | 86.12 | 436 | 64 | 82.99 |
| Support  Vector Machine | 76.22 | 75.2 | 73.02 | 376 | 124 | 72.14 |
| MLP Neural  Network | 86.86 | 85.99 | 85.91 | 430 | 70 | 80.59 |