|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Models | Accuracy Score | Precision Score | Recall Score | F1 Score |
| Logistic Regression | 97.96 | 99.52 | 93.76 | 96.55 |
| Perceptron | 97.57 | 98.64 | 93.32 | 95.91 |
| Decision Tree | 97.98 | 96.69 | 96.68 | 96.69 |
| Random Forest | 98.86 | 99.48 | 96.75 | 98.09 |
| Gradient Boost | 98.80 | 99.51 | 96.54 | 98.00 |
| Ada Boost | 98.42 | 99.10 | 95.67 | 97.36 |
| XG Boost | 98.78 | 99.09 | 96.88 | 97.97 |
| KNN | 97.81 | 99.55 | 93.24 | 96.29 |
| SVM | 97.99 | 99.85 | 93.54 | 96.59 |

Accuracy Score = (True Positive + True Negative)/(True Positive + False Positive + True Negative + False Negative)

Precision Score = True Positive/(True Positive + False Negative)

Recall Score = True Negative/(True Negative + False Positive)

F1 Score = 2\*Precision\*Recall/(Precision+Recall)