# Classifier Performance

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| Classifier | Precision | Recall | F1 Score | Accuracy | AUC |
| Logistic regression | 0.867725 | 0.872340 | 0.870027 | 86.0% | 0.941842 |
| KNN | 0.745902 | 0.968085 | 0.842593 | 81.0% | 0.890012 |
| Random forest | 0.900000 | 0.957447 | 0.927835 | 92.0% | 0.979396 |
| Decision tree | 0.862745 | 0.936170 | 0.897959 | 89.0% | 0.883748 |
| Bagging | 0.909091 | 0.904255 | 0.906667 | 90.0% | 0.955893 |
| Adaboost | 0.889503 | 0.856383 | 0.872629 | 87.0% | 0.936555 |
| XGboost | 0.917098 | 0.941489 | 0.929134 | 92.0% | 0.968149 |
| SVM | 0.678322 | 0.515957 | 0.586103 | 61.0% | 0.706469 |
| Voting | 0.899497 | 0.952128 | 0.925065 | 92.0% | 0.971674 |