

Data Set	Method	Data Partitioning	Hyperparamter Tuning	Accuracy	Size (bytes)	Training Time (sec)	Testing Time (sec)
Car	Naive Bayes	70/30 Split	Used categoricalNB	84.39%	2424	0.018499	0.020527
Car	Classification Tree	70/30 Split	None	97.30%	14757	0.006383	0.000834
Car	SVM	70/30 Split	None	89.02%	51724	0.067943	0.043642
Car	Neural Network	70/30 Split	None	88.44%	34777	1.08079	0.00163
Abalone	Naive Bayes	70/30 Split	Used gaussianNB	55.58%	1084	0.023032	0.014121
Abalone	Classification Tree	70/30 Split	None	59.25%	124401	0.033923	0.00566
Abalone	SVM	70/30 Split	None	61.24%	218601	0.36247	0.348962
Abalone	Neural Network	70/30 Split	None	64.11%	40918	1.704426	0.003849
Madelon	Naive Bayes	70/30 Split	Used gaussianNB	59.17%	16577	0.238391	0.187035
Madelon	Classification Tree	70/30 Split	None	74.50%	22512	0.543589	0.001634
Madelon	SVM	70/30 Split	None	68.67%	7301494	1.479921	0.548073
Madelon	Neural Network	70/30 Split	None	54.67%	1209790	1.059225	0.003946
KDD	Naive Bayes	70/30 Split with 10% data set	Used gaussianNB	94.05%	15346	0.333	1.315988
KDD	Classification Tree	70/30 Split with 10% data set	None	99.96%	100217	2.059218	0.030375
KDD	SVM	30% of 70/30 Split with 10% data set	None	98.80%	6699	149.488072	0.039902
KDD	Neural Network	30% of 70/30 Split with 10% data set	None	99.61%	78019	60.670582	0.05107