

WEKA				
Dataset used: Mushroom Dataset from UCI ML repository				
Serial Number	Model	Test Option	Accuracy(%)	Time Taken(s)
1	Decision Tree C4.5 version 8	Use training set	100	0.1
	Decision Tree C4.5 version 8	Percentage split 66%	100	0
2	Random Forest	Use training set	100	0.13
	Random Forest	Percentage split 66%	100	0.13
3	Random Tree	Use training set	100	0
	Random Tree	Percentage split 66%	99.92	0
4	Naive Bayes	Use training set	95.8887	0.02
	Naive Bayes	Percentage split 66%	95.0398	0.01
	Naive Bayes	Cross-validation folds 10	95.8272	0.01
5	AdaBoostM1-Naive Bayes	Use training set	100	0.31
	AdaBoostM1-Naive Bayes	Percentage split 66%	99.96	0.23
6	Bayes Net	Use training set	96.37	0.03
	Bayes Net	Percentage split 66%	95.61	0.01
7	SMO (Support Vector Classifier)	Use training set	100	1.2
	SMO (Support Vector Classifier)	Percentage split 66%	100	1.05
8	IBK (using 3 neighbors)	Use training set	100	4.92
	IBK (using 3 neighbors)	Percentage split 66%	100	0.94
9	K star	Use training set	100	90.26
	K star	Percentage split 66%	100	20.9
10	Classification via Regresssion	Use training set	100	0.41
	Classification via Regresssion	Percentage split 66%	100	0.43
11	Logistic Regression	Use training set	100	1.65
	Logistic Regression	Percentage split 66%	100	1.53
12	OneR	Use training set	98.52	0.01
	OneR	Percentage split 66%	98.62	0
13	Voted perceptron	Use training set	98.99	0.14
	Voted perceptron	Percentage split 66%	99.86	0.08
14	Multilayer Perceptron	Use training set	100	428.35
	Multilayer Perceptron	Percentage split 66%	100	480