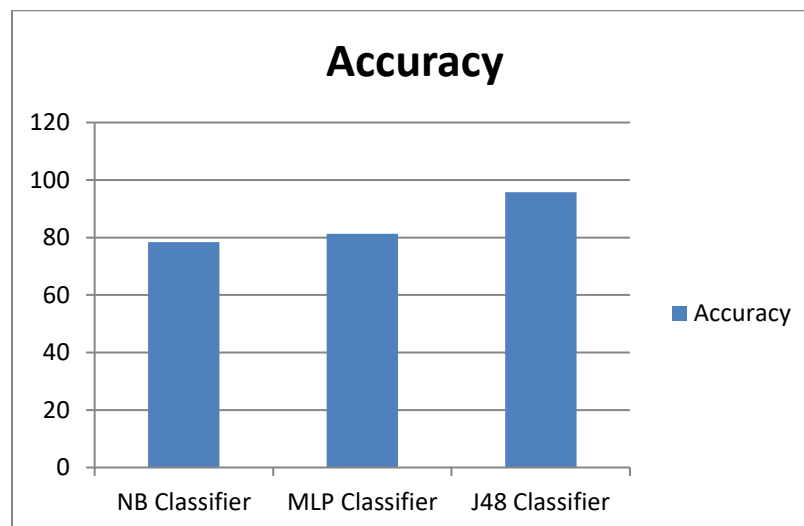
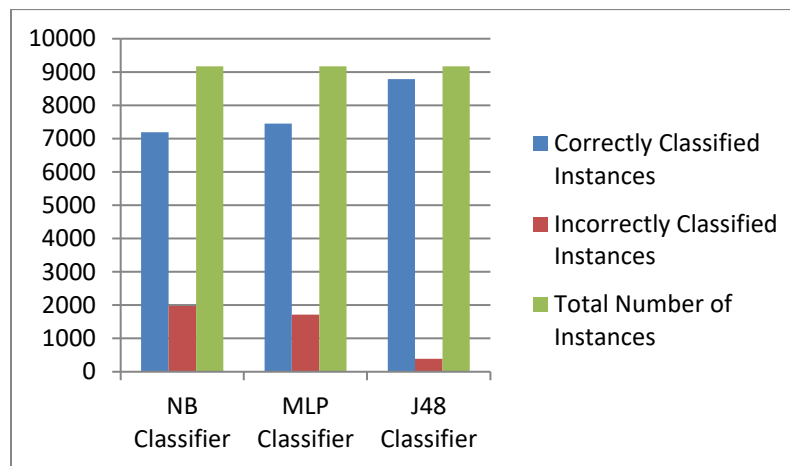


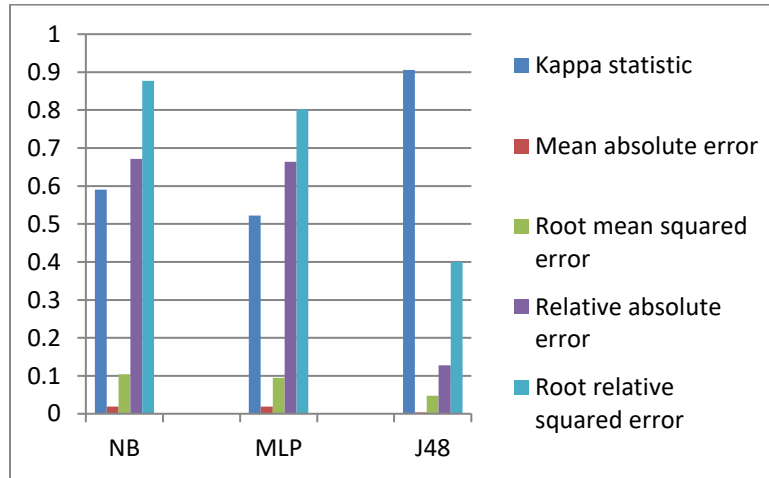
Sl . No.	Attribute Name	Possible Value

Sl. No.	Thyroid Conditions	Letter	Diagnosis

	NB Classifier	MLP Classifier	J48 Classifier
Correctly Classified Instances	7193	7455	8783
Incorrectly Classified Instances	1979	1717	389
Total Number of Instances	9172	9172	9172
Accuracy	78.4235%	81.28%	95.7588%



	NB Classifier	MLP Classifier	J48 Classifier
Kappa statistic	0.5907	0.5222	0.9055
Mean absolute error	0.0189	0.0187	0.0036
Root mean squared error	0.1038	0.0949	0.0473
Relative absolute error	67.15%	66.39%	12.73%
Root relative squared error	87.71%	80.21%	39.97%



	TP Rate	FP Rate	Precision	Recall	F-Measure	MCC	ROC Area	PRC Area
Weighted Avg. of NB	0.784	0.092	0.851	0.784	0.804	0.623	0.927	0.89
Weighted Avg. of MLP	0.813	0.325	0.773	0.813	0.784	0.549	0.866	0.806
Weighted Avg. of J48	0.958	0.039	0.957	0.958	0.957	0.915	0.982	0.96

	Weighted Avg. of NB	Weighted Avg. of MLP	Weighted Avg. of J48
TP Rate	0.784	0.813	0.958
FP Rate	0.092	0.325	0.039
Precision	0.851	0.773	0.957
Recall	0.784	0.813	0.958
F-Measure	0.804	0.784	0.957
MCC	0.623	0.549	0.915
ROC Area	0.927	0.866	0.982
PRC Area	0.89	0.806	0.96

