

Accuracy Table						
	Naive Bayes	Logistic Regression	Support Vector Machin	Decision Tree	Artificial Neural Networ	Naive Bayes CUSTOM
TF	78.2	80.2	80.5	69.3	76	79.4
TF-IDF	65.6	78.2	78.2	72.3	77.6	76.7
binary doc	77.5	80.8	80.2	72.6	78.9	79.4
text-blob + TF		79.5	78.5	66	75.2	72.7
text-blob + TF-IDF		78.9	76.9	69.6	75.6	70.75
text-blob + binary doc		79.5	78.5	72.3	79.2	73.12
True Negative Rate						
	Naive Bayes	Logistic Regression	Support Vector Machin	Decision Tree	Artificial Neural Networ	Naive Bayes CUSTOM
TF	32.8	29.7	42.2	45.3	43.8	46
TF-IDF	48.4	37.5	48.4	46.9	46.9	52
binary doc	28.1	32.8	45.3	48.4	46.9	46
text-blob + TF		31.2	39.5	54.7	40.6	48
text-blob + TF-IDF		40.6	43.7	51.6	50	54
text-blob + binary doc		31.2	39	48.4	32.8	50
Precision						
	Naive Bayes	Logistic Regression	Support Vector Machin	Decision Tree	Artificial Neural Networ	Naive Bayes CUSTOM
TF	83.4	83.2	85.4	83.8	84.9	86.8
TF-IDF	83.5	84.2	86.2	84.7	85.8	87.5
binary doc	82.5	83.8	85.9	85.1	86	86.8
text-blob + TF		83.4	83.9	85	84.2	86
text-blob + TF-IDF		84.8	85	85.2	86	86.85
text-blob + binary doc		83.4	84.5	85	83.6	86.48
Recall						
	Naive Bayes	Logistic Regression	Support Vector Machin	Decision Tree	Artificial Neural Networ	Naive Bayes CUSTOM
TF	90.3	93.7	90.8	75.7	84.5	87.7
TF-IDF	70.3	89.1	86.2	79.1	85.8	82.8
binary doc	90.7	93.7	89.5	79.1	87.5	87.7
text-blob + TF		92.5	89.9	69	84.5	78.8
text-blob + TF-IDF		89.1	85.8	74.5	82.4	74.87
text-blob + binary doc		92.4	89.1	78.6	91.6	78.81