Confusion Matrix for Multinomial Naive Bayes

	Not Spam	Spam
Not Spam	1289	0
Spam	94	1233

True Label / Predicted Label

Confusion Matrix for Random Forest Classifier

	Not Spam	Spam
Not Spam	1289	0
Spam	400	927

True Label

Not Spam   Spam
Predicted Label

Confusion Matrix for Logistic Regression

	Not Spam	Spam
Not Spam	1289	0
Spam	444	883

True Label

Predicted Label

Confusion Matrix for Support Vector Classifier

	Not Spam	Spam
Not Spam	1289	0
Spam	348	979

True Label

Not Spam   Spam
Predicted Label

Confusion Matrix for Decision Tree Classifier

	Not Spam	Spam
Not Spam	1289	0
Spam	399	928

True Label

Not Spam   Spam
Predicted Label

Classification Report for Multinomial Naive Bayes

	precision	recall	f1-score
0	0.93	1.00	0.96
1	1.00	0.93	0.96
accuracy	0.96	0.96	0.96
macro avg	0.97	0.96	0.96
weighted avg	0.97	0.96	0.96

Classification Report for Random Forest Classifier

	precision	recall	f1-score
0	0.76	1.00	0.87
1	1.00	0.70	0.82
accuracy	0.85	0.85	0.85
macro avg	0.88	0.85	0.84
weighted avg	0.88	0.85	0.84

Classification Report for Logistic Regression

	precision	recall	f1-score
0	0.74	1.00	0.85
1	1.00	0.67	0.80
accuracy	0.83	0.83	0.83
macro avg	0.87	0.83	0.83
weighted avg	0.87	0.83	0.83

Classification Report for Support Vector Classifier

	precision	recall	f1-score
0	0.79	1.00	0.88
1	1.00	0.74	0.85
accuracy	0.87	0.87	0.87
macro avg	0.89	0.87	0.87
weighted avg	0.90	0.87	0.86

Classification Report for Decision Tree Classifier