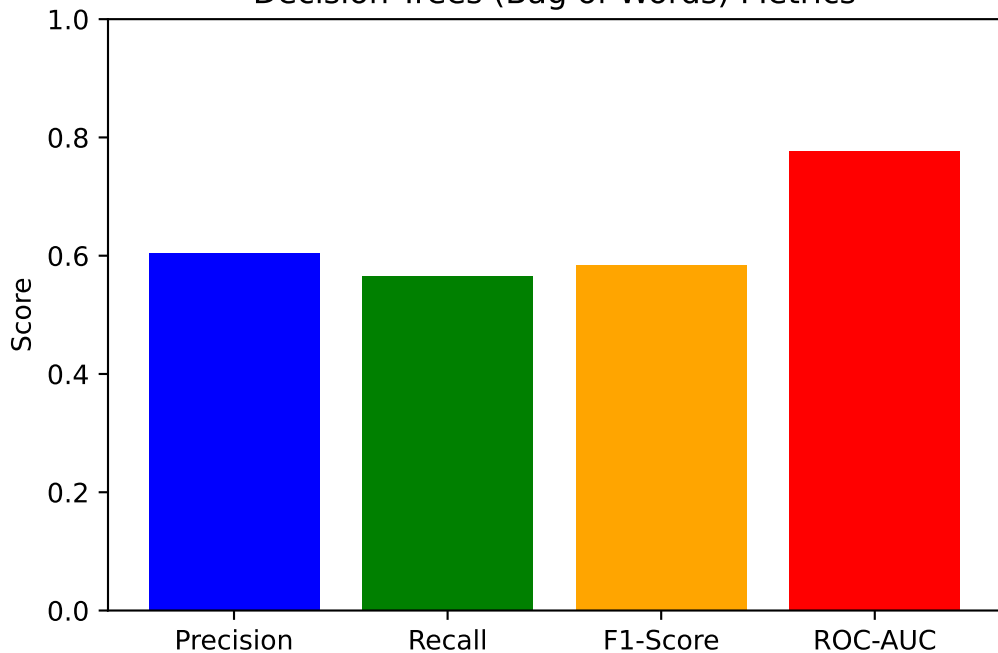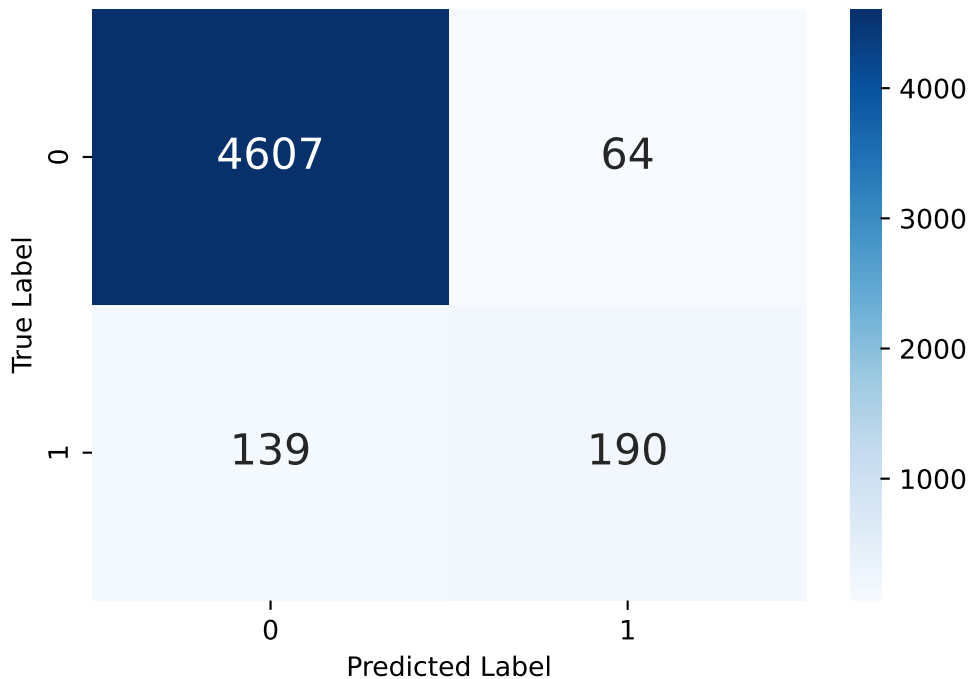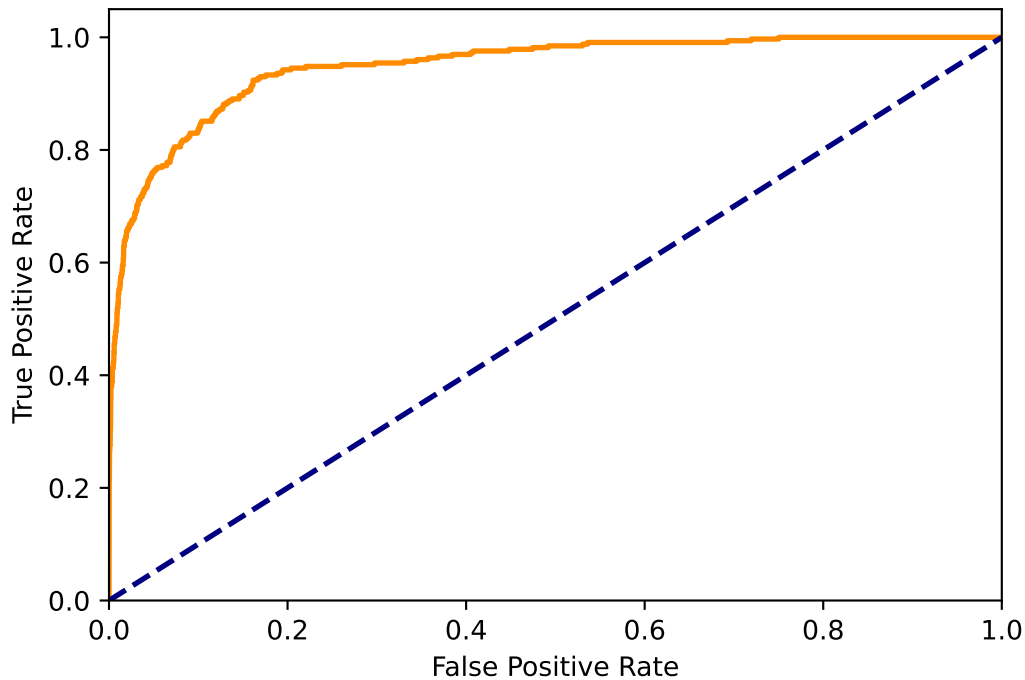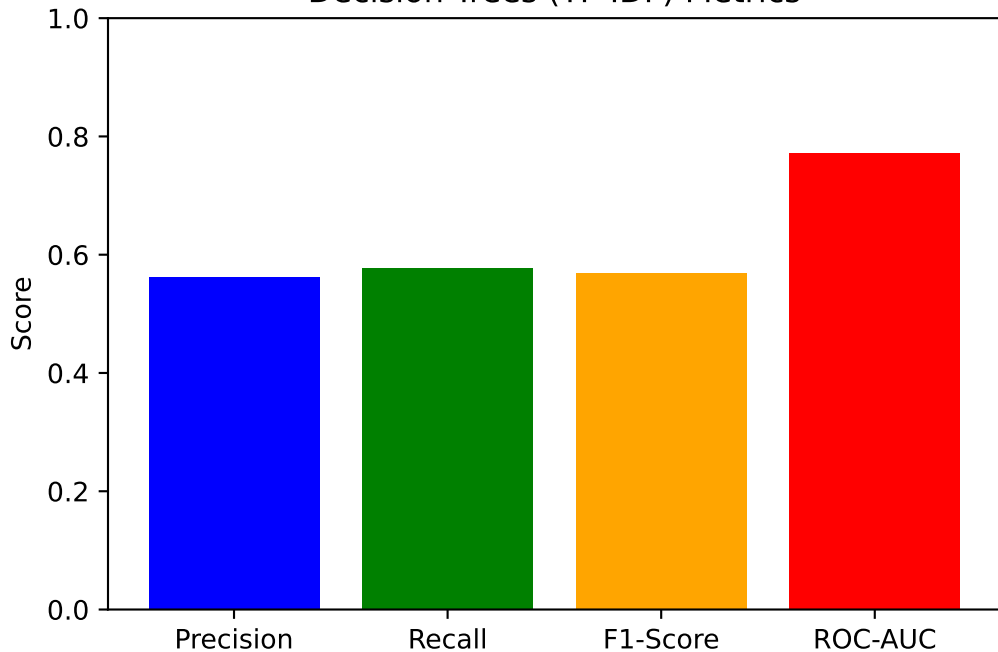Decision Trees (Bag of Words) Metrics
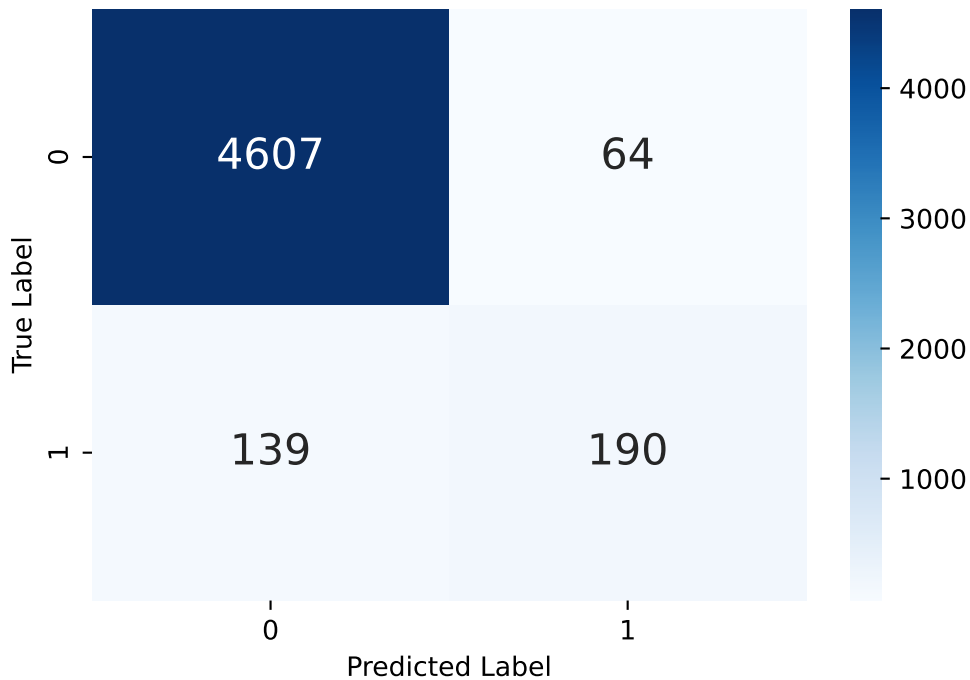
Decision Trees (Bag of Words) Confusion Matrix

Decision Trees (Bag of Words) ROC Curve

Decision Trees (TF-IDF) Metrics
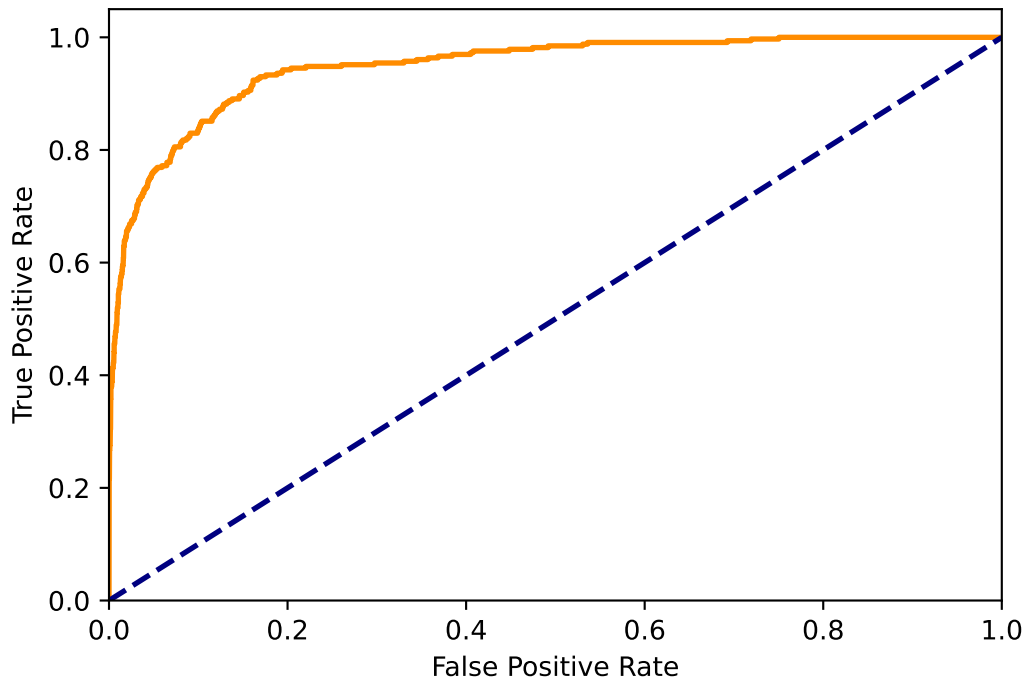
Decision Trees (TF-IDF) Confusion Matrix
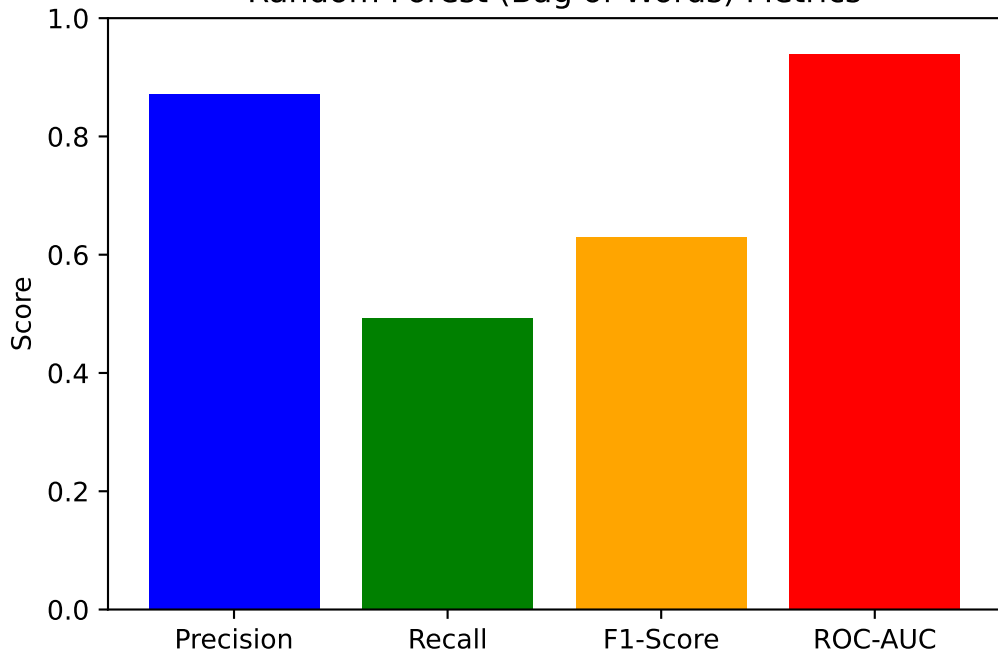
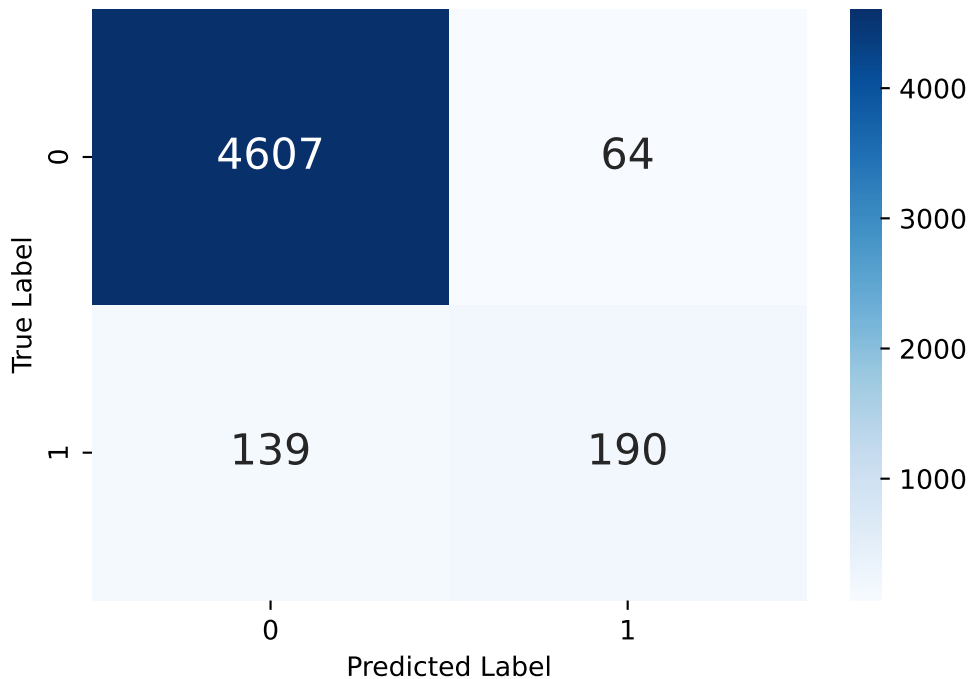|	Predicted Label 0	Predicted Label 1
True Label 0	4607	64
True Label 1	139	190

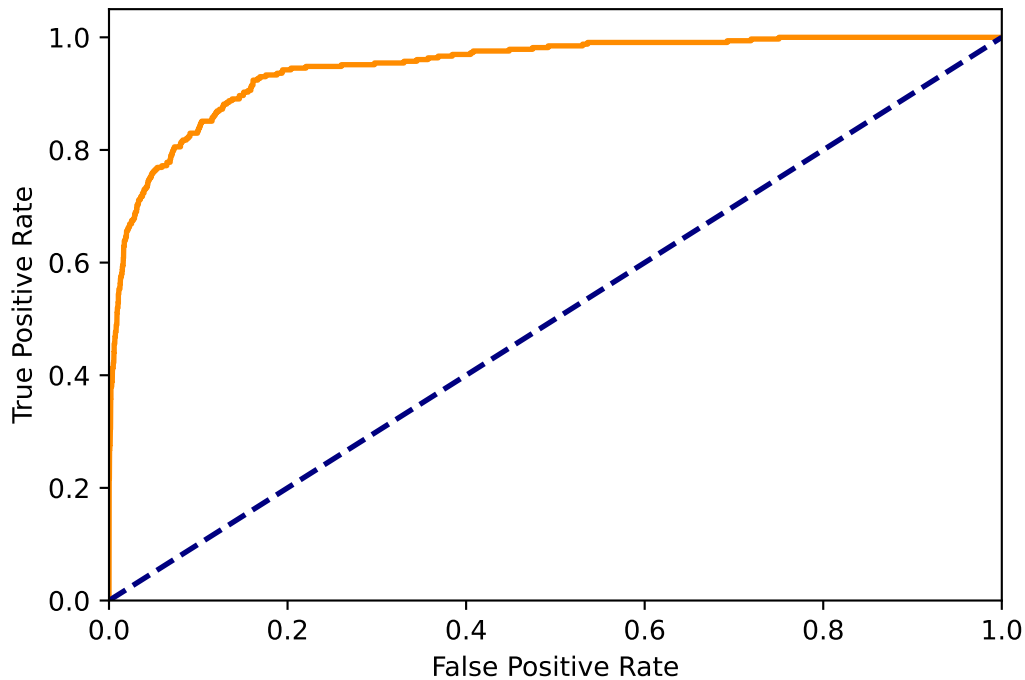Decision Trees (TF-IDF) ROC Curve

Random Forest (Bag of Words) Metrics

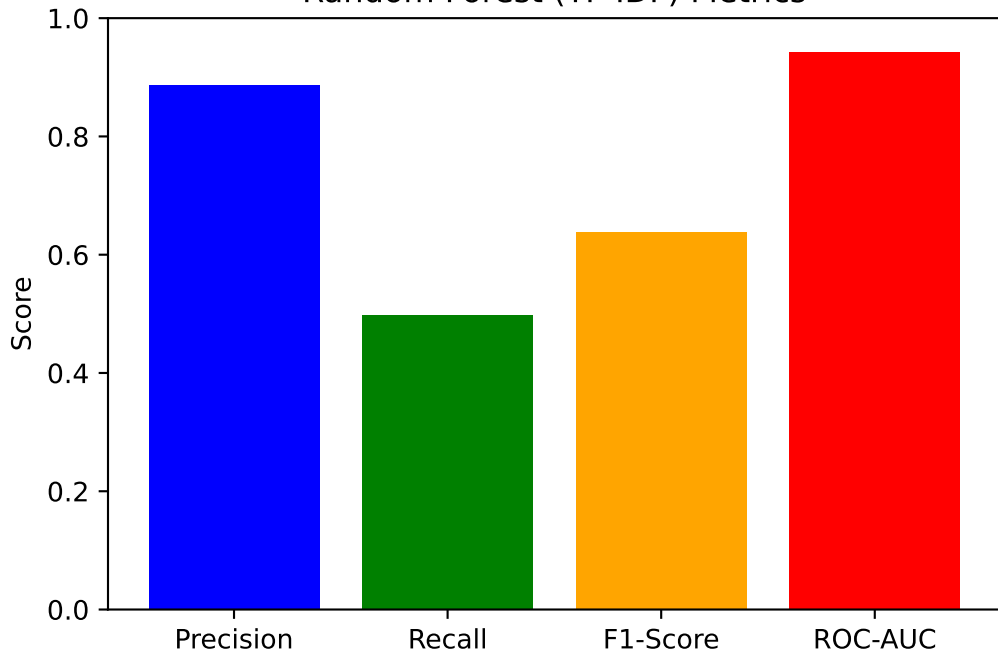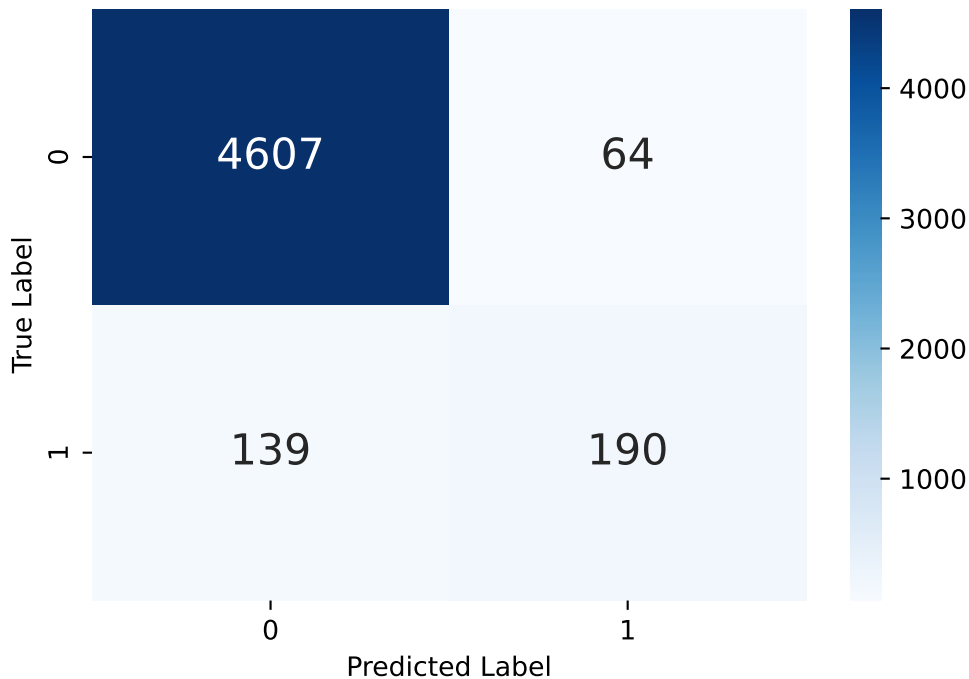Random Forest (Bag of Words) Confusion Matrix
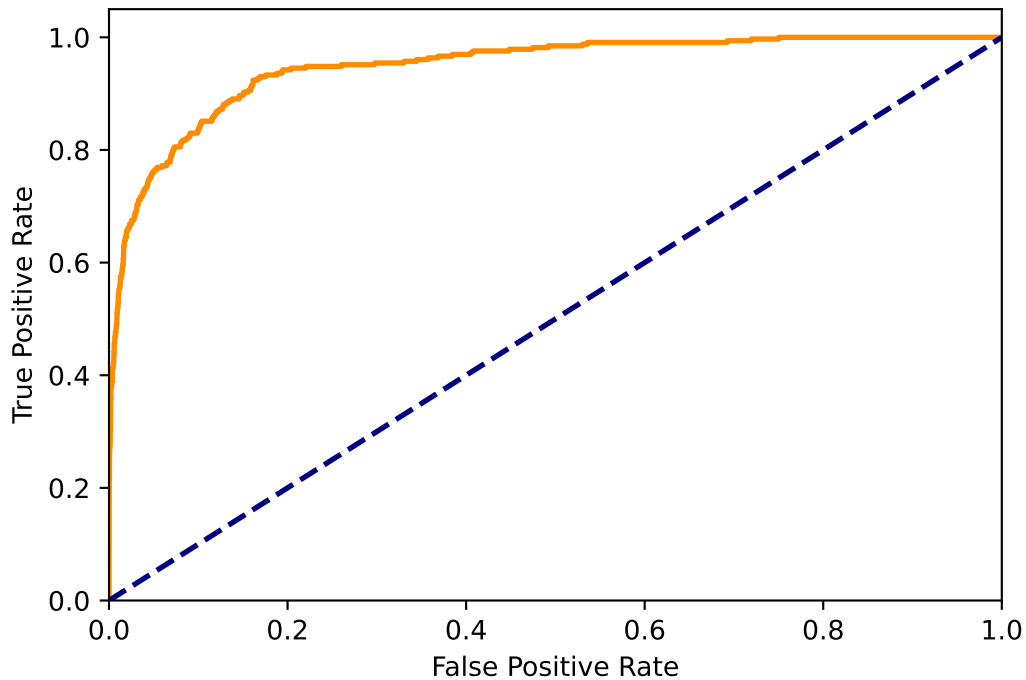
Random Forest (Bag of Words) ROC Curve
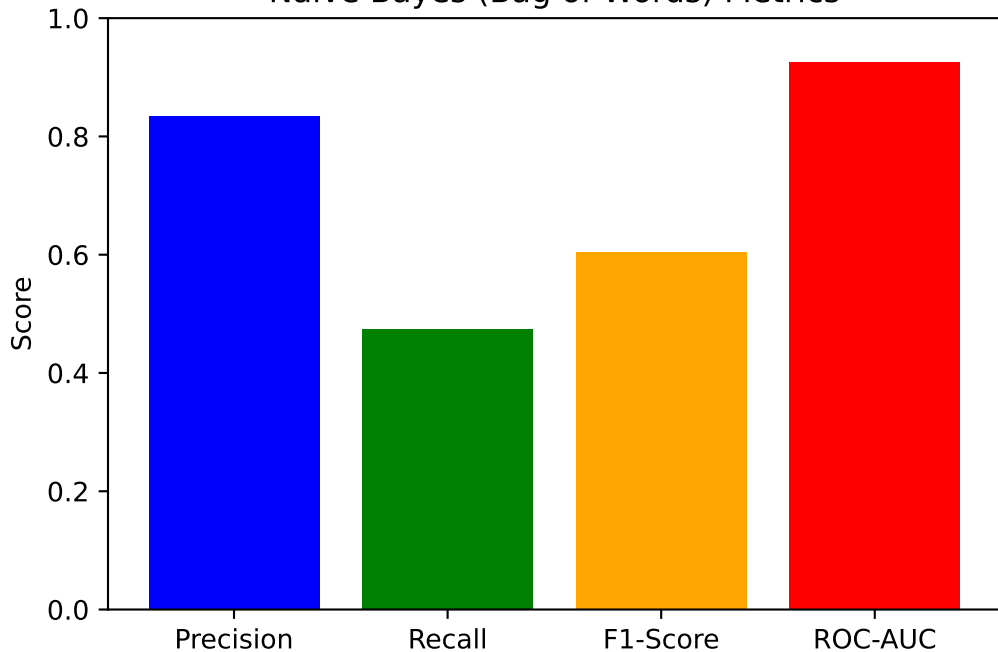
Random Forest (TF-IDF) Metrics
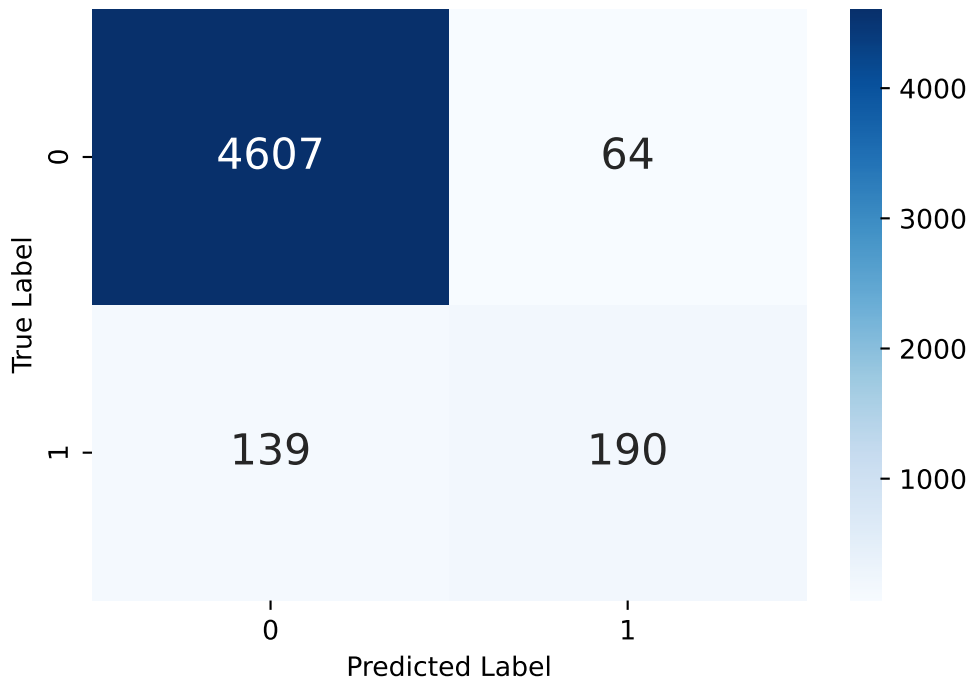
Random Forest (TF-IDF) Confusion Matrix
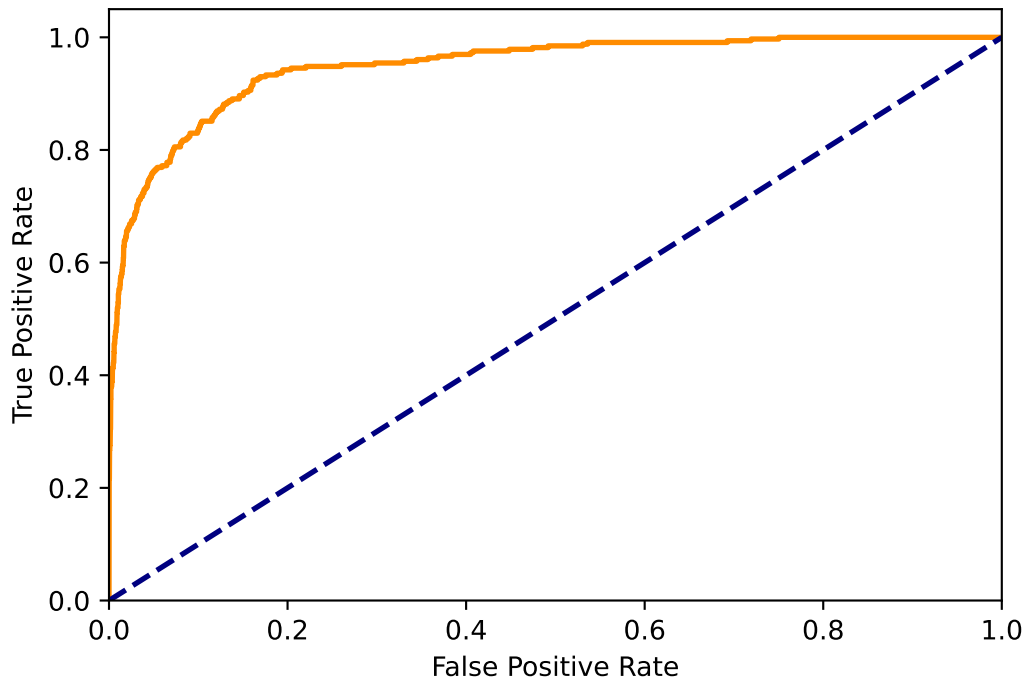
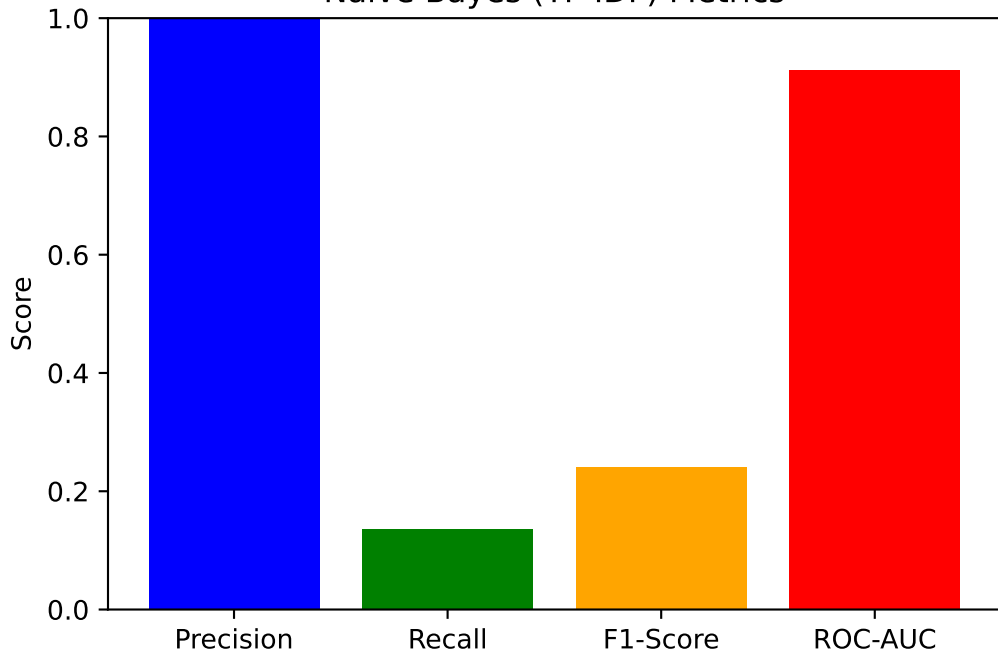Random Forest (TF-IDF) ROC Curve

Naive Bayes (Bag of Words) Metrics

Naive Bayes (Bag of Words) Confusion Matrix

Naive Bayes (Bag of Words) ROC Curve

Naive Bayes (TF-IDF) Metrics

Naive Bayes (TF-IDF) Confusion Matrix
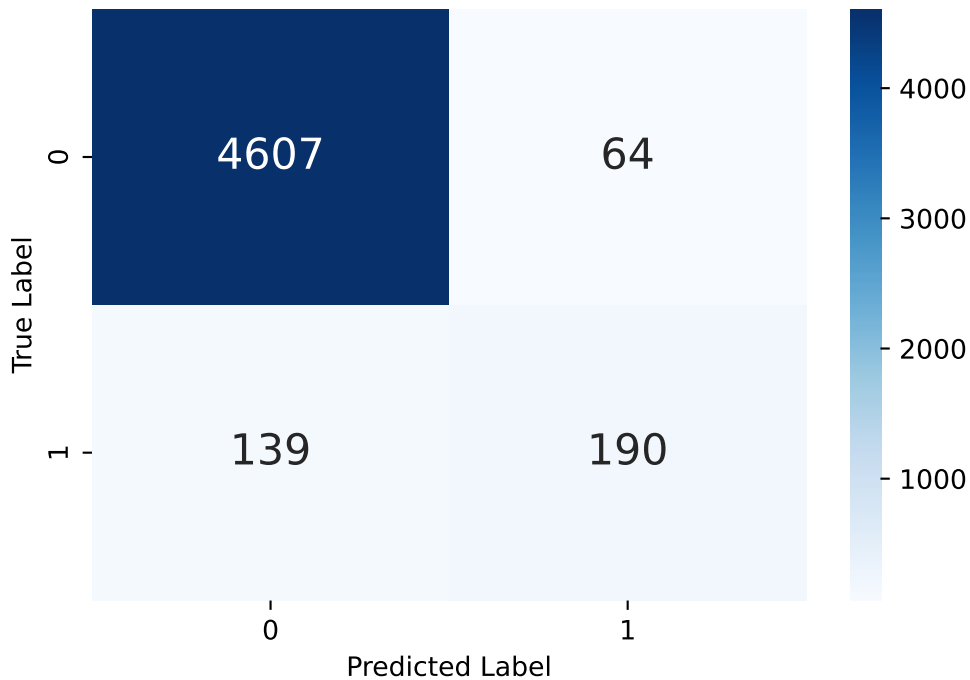
Naive Bayes (TF-IDF) ROC Curve
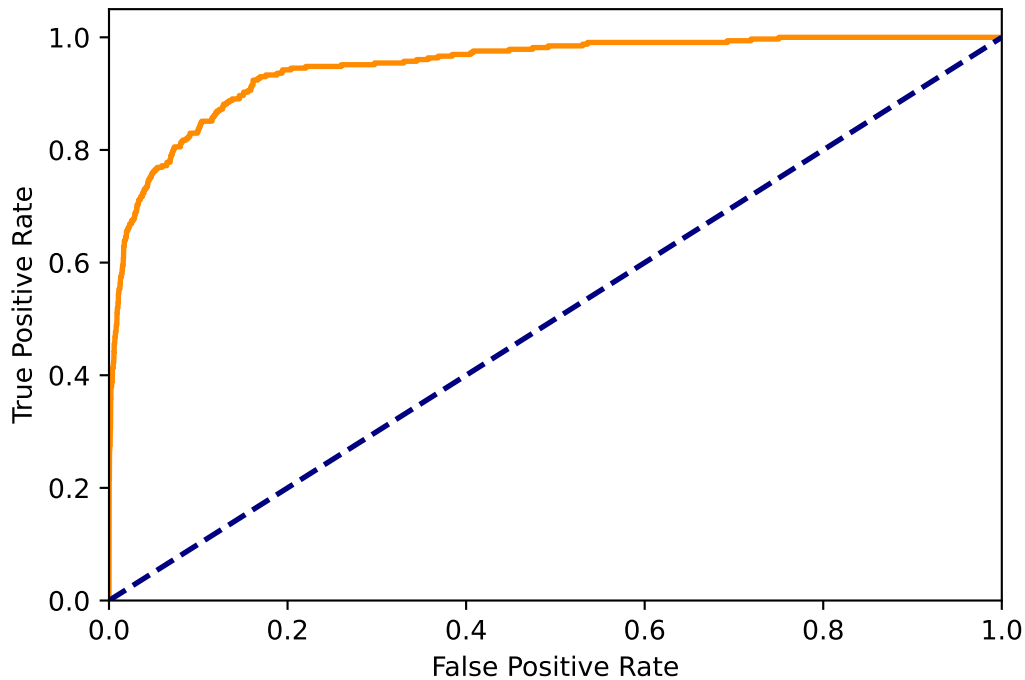
K-NN Classifier (Bag of Words) Metrics

K-NN Classifier (Bag of Words) Confusion Matrix

	Predicted Label 0	Predicted Label 1
True Label 0	4607	64
True Label 1	139	190
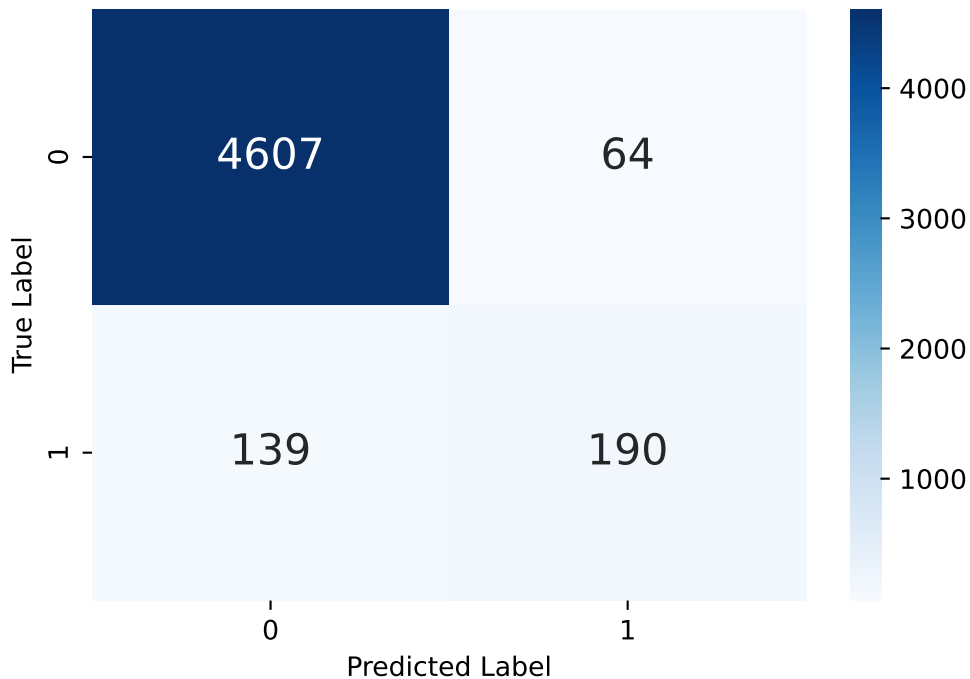
K-NN Classifier (Bag of Words) ROC Curve

K-NN Classifier (TF-IDF) Metrics
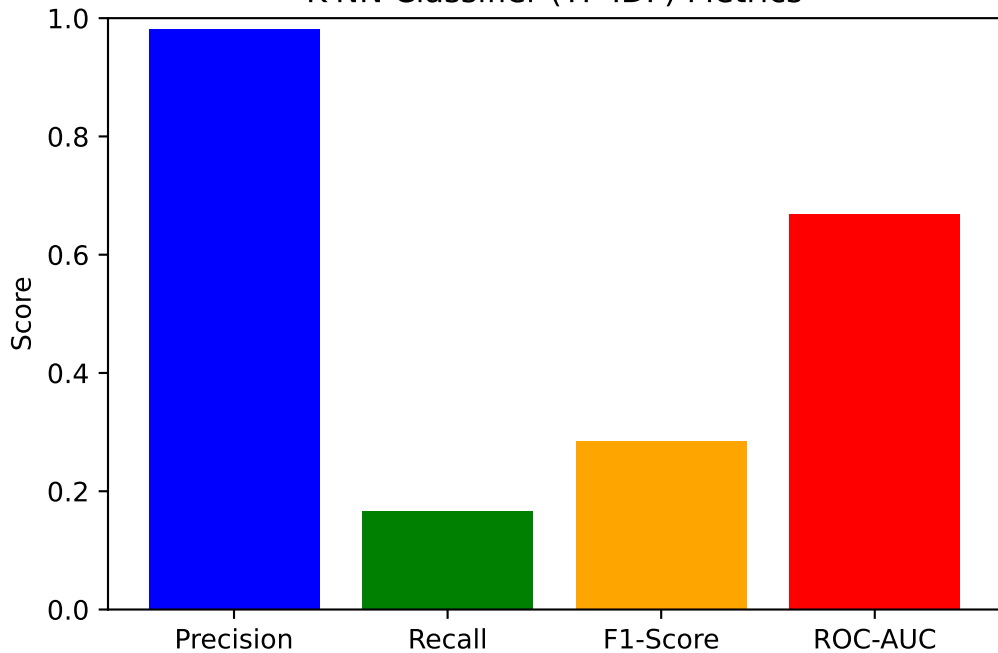
K-NN Classifier (TF-IDF) Confusion Matrix

K-NN Classifier (TF-IDF) ROC Curve

SVM (Bag of Words) Metrics

SVM (Bag of Words) Confusion Matrix

SVM (Bag of Words) ROC Curve

SVM (TF-IDF) Metrics

SVM (TF-IDF) Confusion Matrix

SVM (TF-IDF) ROC Curve
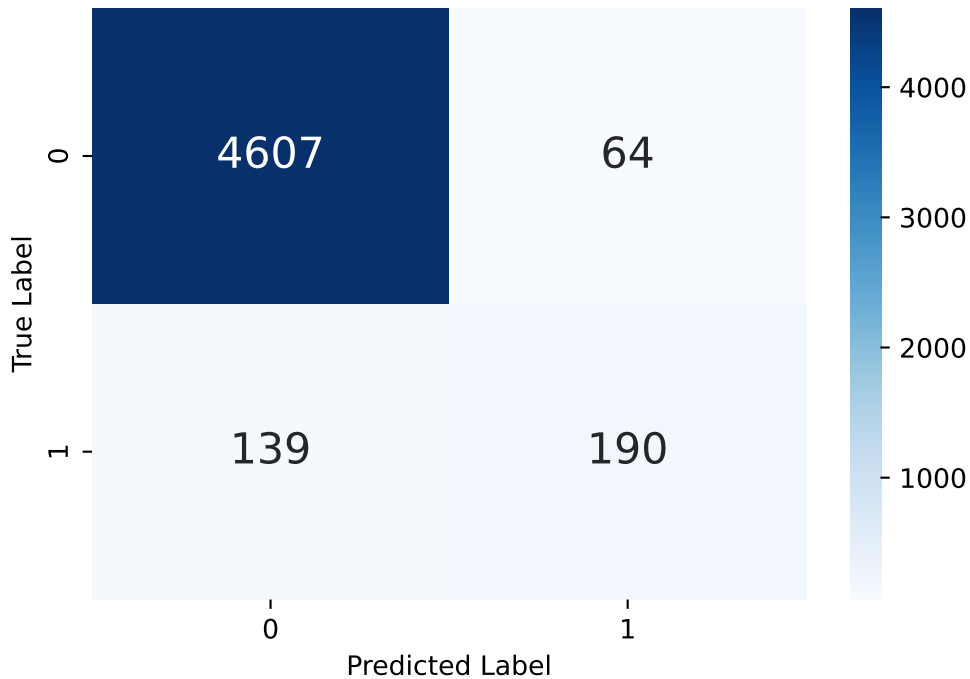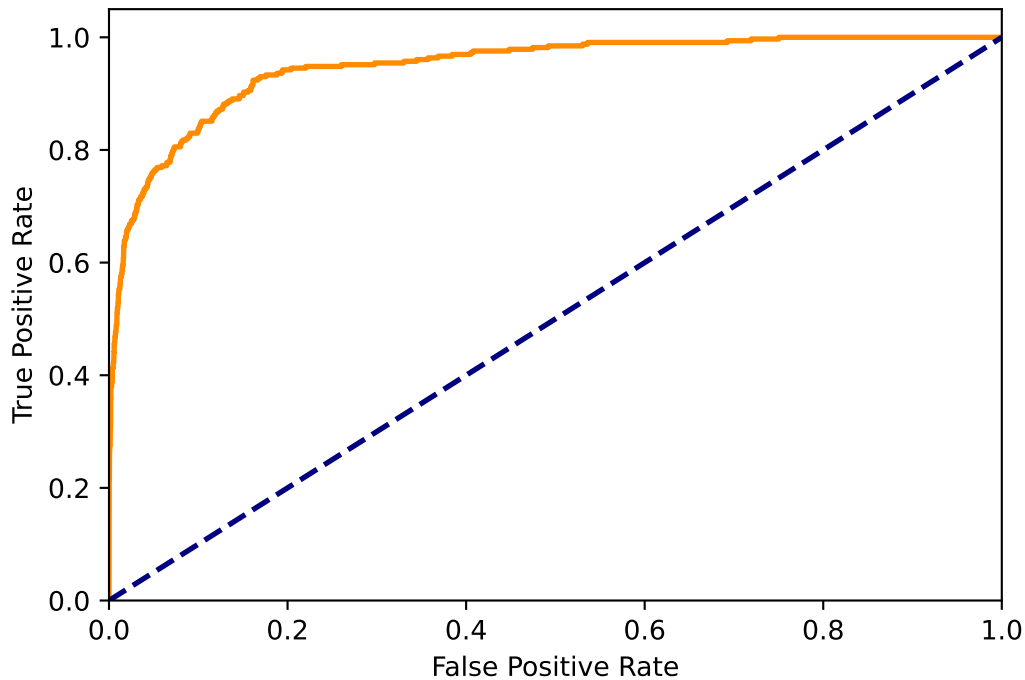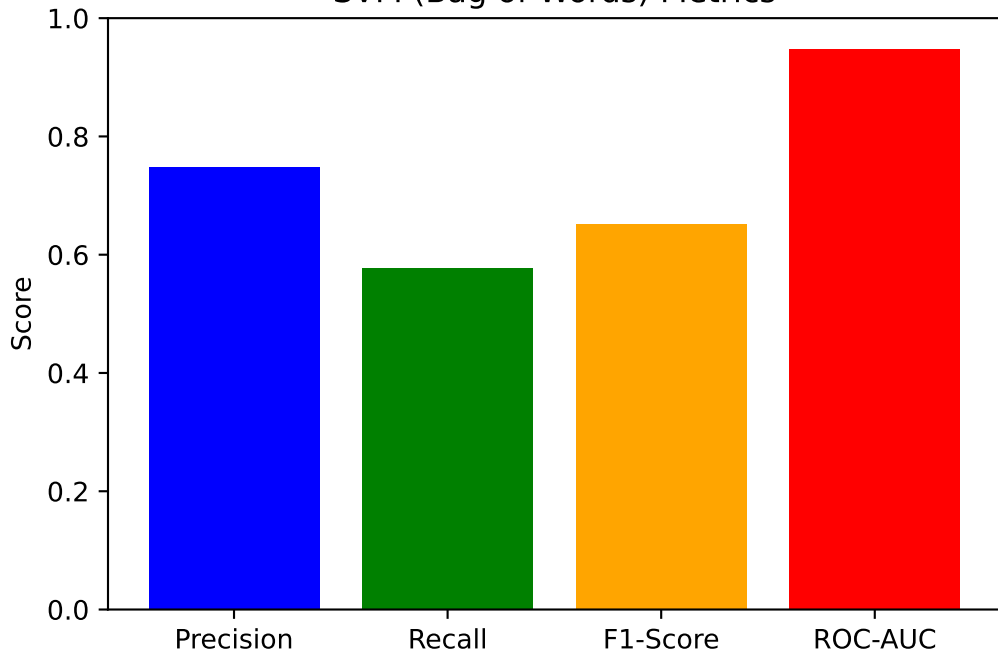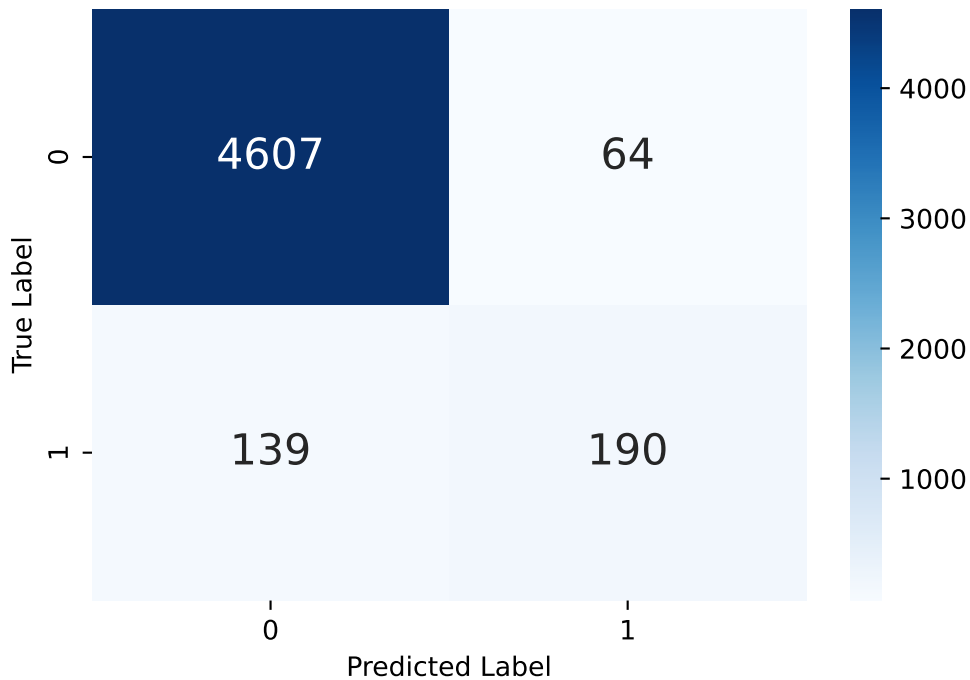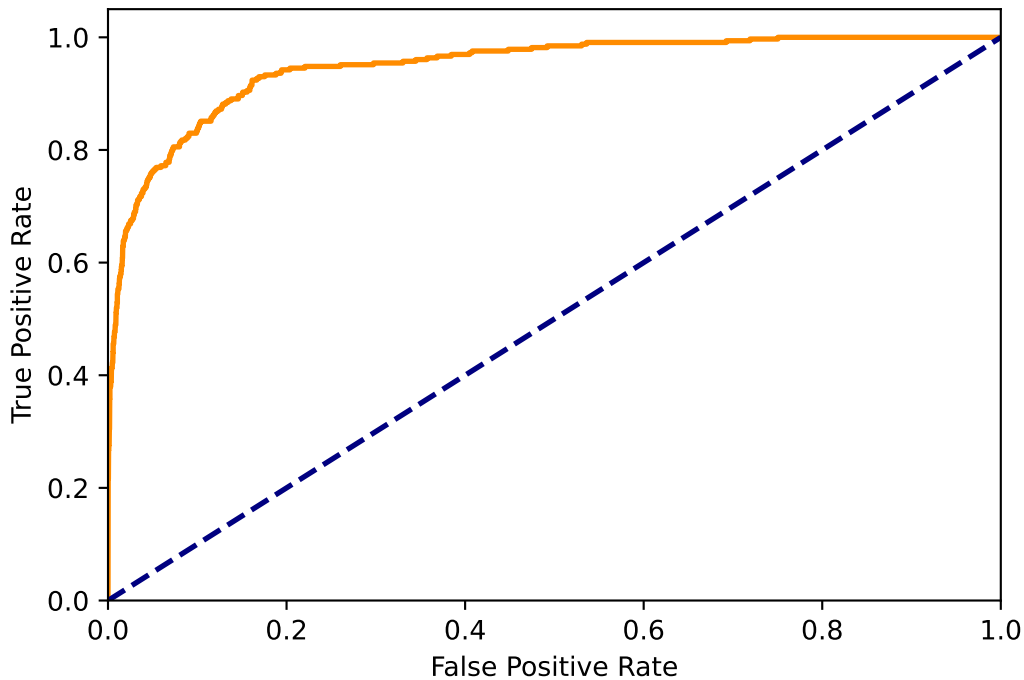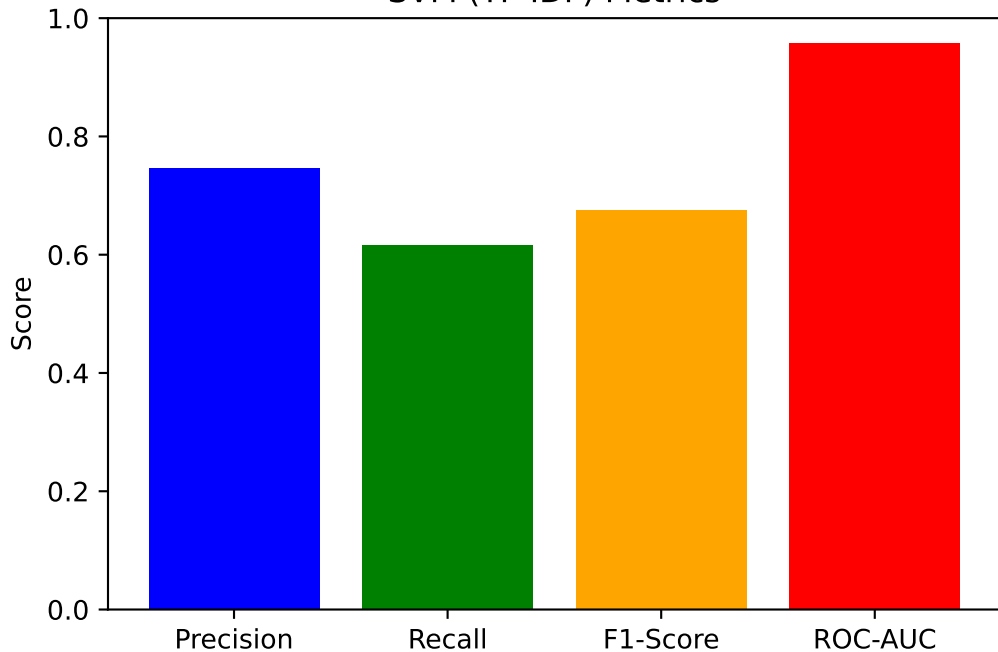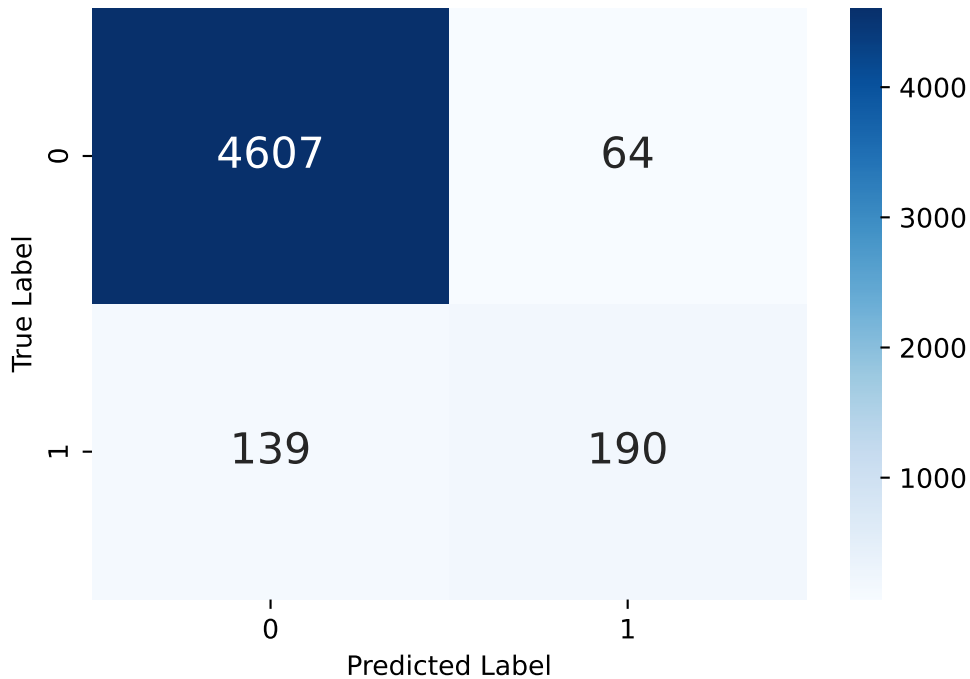
Model	Precision	Recall	F1-Score	ROC-AUC
Decision Trees (Bag of Words)	0.6038961038961039	0.5653495440729484	0.5839874411302983	0.7765238401076
Decision Trees (TF-IDF)	0.5621301775147929	0.5775075987841946	0.5697151424287856	0.7725495669782
Random Forest (Bag of Words)	0.8709677419354839	0.49240121580547114	0.629126213592233	0.9397293264591
Random Forest (TF-IDF)	0.8864864864864865	0.49848024316109424	0.6381322957198443	0.9422352496390
Naive Bayes (Bag of Words)	0.8342245989304813	0.47416413373860183	0.6046511627906976	0.9261409889253
Naive Bayes (TF-IDF)	1.0	0.13677811550151975	0.24064171122994651	0.9126525369299
K-NN Classifier (Bag of Words)	0.9482758620689655	0.16717325227963525	0.2842377260981912	0.7268452633106
K-NN Classifier (TF-IDF)	0.9821428571428571	0.16717325227963525	0.2857142857142857	0.6681421745374
SVM (Bag of Words)	0.7480314960629921	0.5775075987841946	0.6518010291595198	0.9477341600081
SVM (TF-IDF)	0.7463235294117647	0.6170212765957447	0.6755407653910149	0.9583945823645