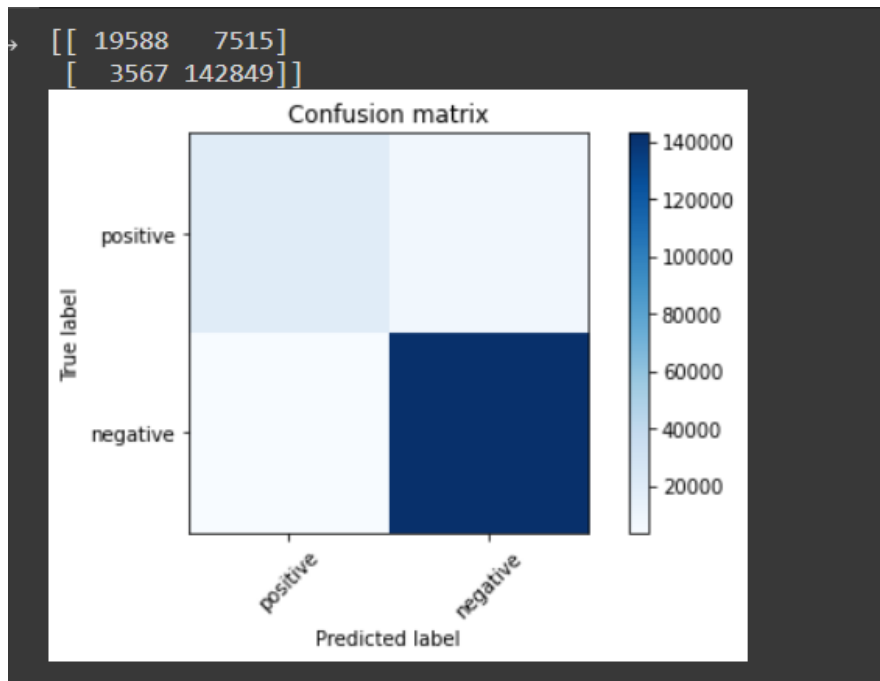


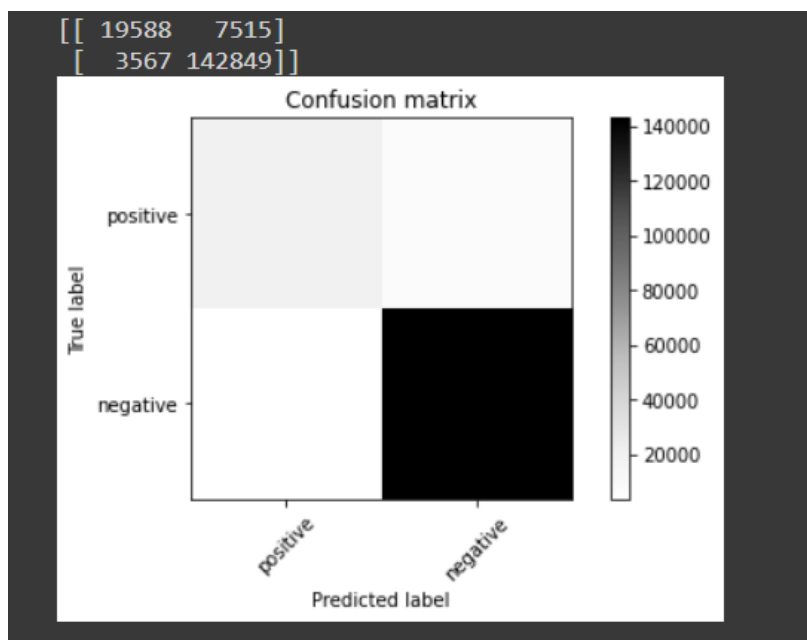
1) Logistic Regression with Count Vectorizer Model



Model Accuracy: 0.9361337951463529

	precision	recall	f1-score	support
0	0.85	0.72	0.78	27103
1	0.95	0.98	0.96	146416
accuracy			0.94	173519
macro avg	0.90	0.85	0.87	173519
weighted avg	0.93	0.94	0.93	173519

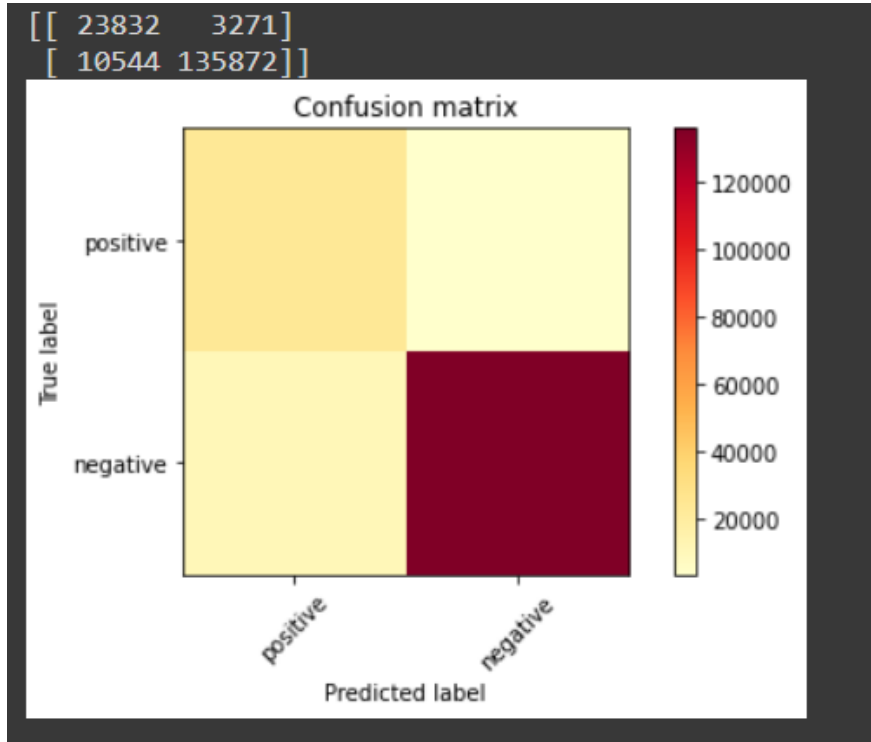
2) Random Forest with Count Vectorizer Model



Model Accuracy: 0.8438038485698972

	precision	recall	f1-score	support
0	0.00	0.00	0.00	27103
1	0.84	1.00	0.92	146416
accuracy			0.84	173519
macro avg	0.42	0.50	0.46	173519
weighted avg	0.71	0.84	0.77	173519

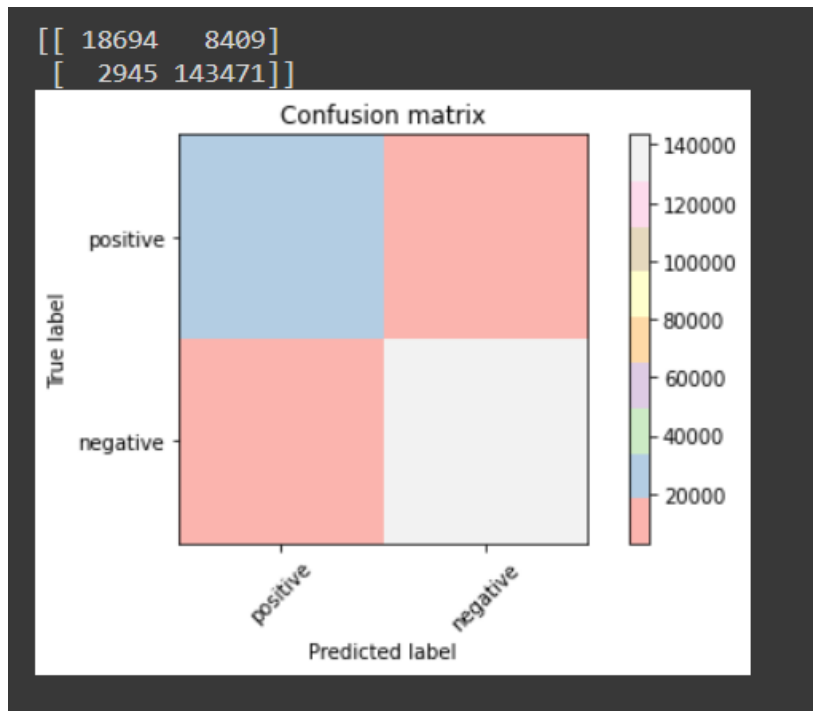
3) Linear Support Vector Machine with Count Vectorizer Model



Model Accuracy: 0.9203833585947361

	precision	recall	f1-score	support
0	0.69	0.88	0.78	27103
1	0.98	0.93	0.95	146416
accuracy			0.92	173519
macro avg	0.83	0.90	0.86	173519
weighted avg	0.93	0.92	0.92	173519

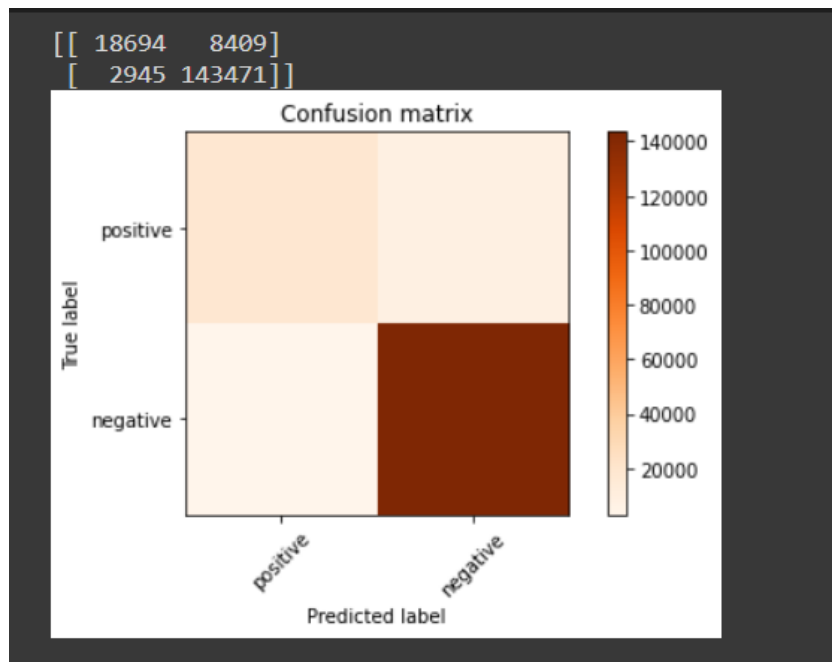
4) Logistic Regression with TD-IDF Model



Model Accuracy: 0.9345662434661334

	precision	recall	f1-score	support
0	0.86	0.69	0.77	27103
1	0.94	0.98	0.96	146416
accuracy			0.93	173519
macro avg	0.90	0.83	0.86	173519
weighted avg	0.93	0.93	0.93	173519

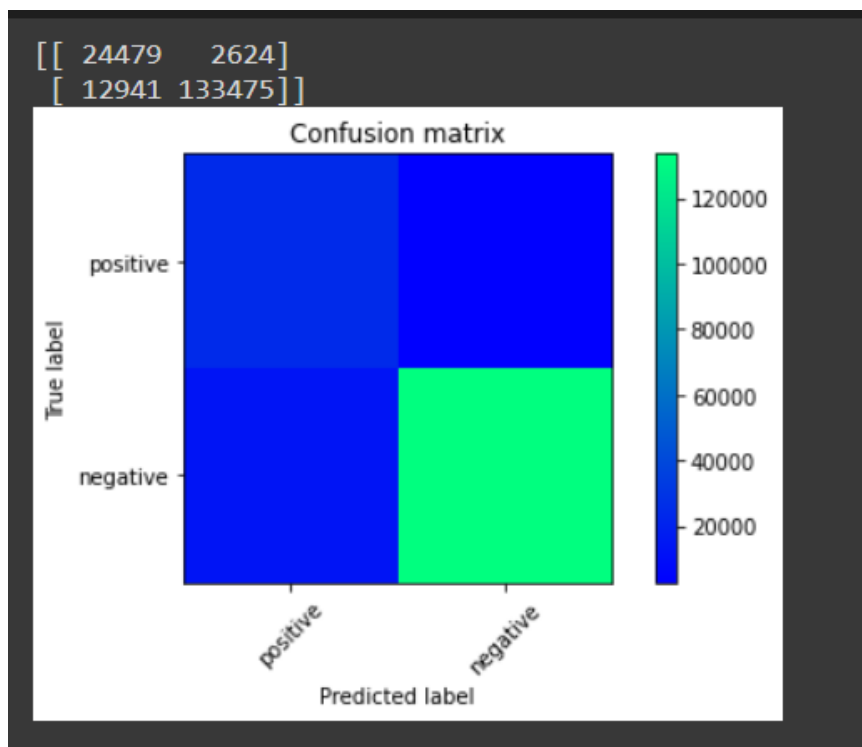
5) Random Forest with TD-IDF Model



Model Accuracy: 0.8438038485698972

	precision	recall	f1-score	support
0	0.00	0.00	0.00	27103
1	0.84	1.00	0.92	146416
accuracy			0.84	173519
macro avg	0.42	0.50	0.46	173519
weighted avg	0.71	0.84	0.77	173519

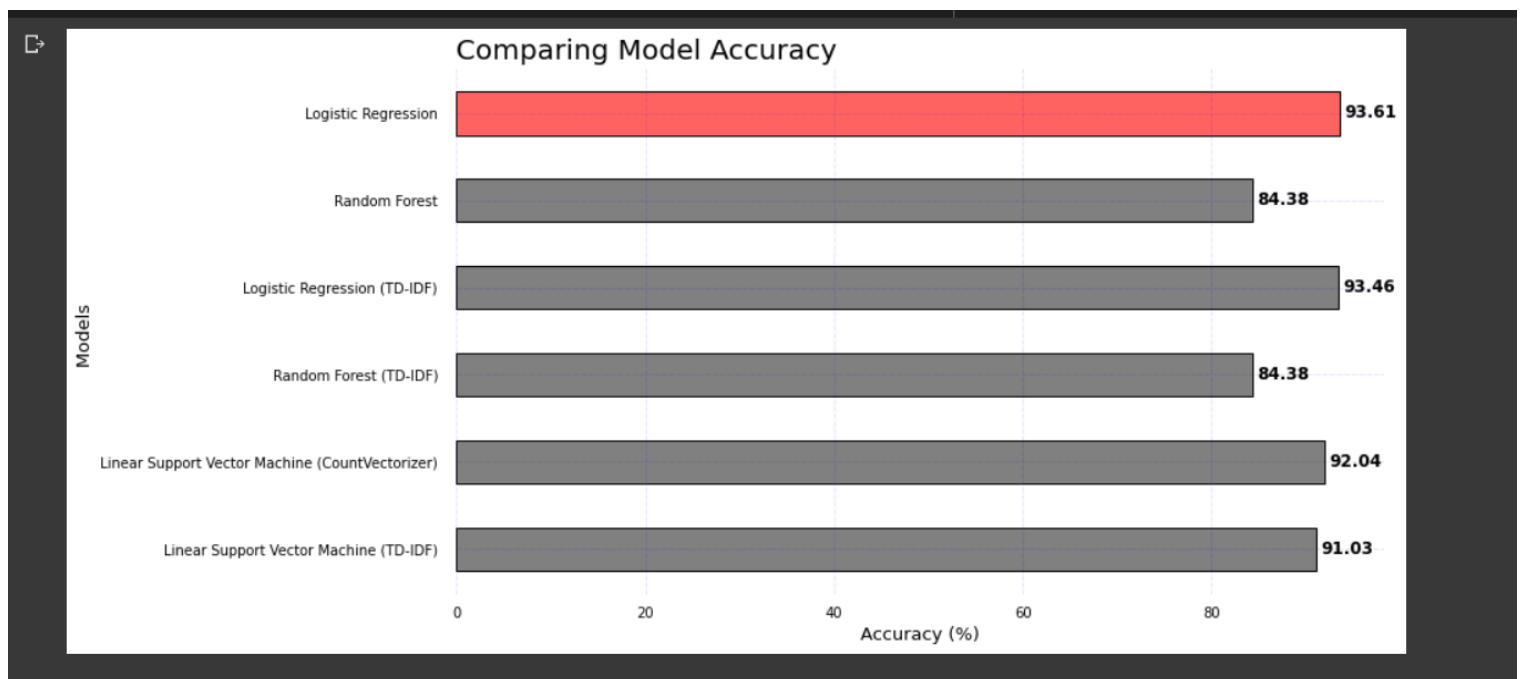
6) Linear Support Vector Machine with TD-IDF Model



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Model Accuracy: 0.9102980077109711
```

	precision	recall	f1-score	support
0	0.65	0.90	0.76	27103
1	0.98	0.91	0.94	146416
accuracy			0.91	173519
macro avg	0.82	0.91	0.85	173519
weighted avg	0.93	0.91	0.92	173519

RESULT



By: Mohil Nagpal