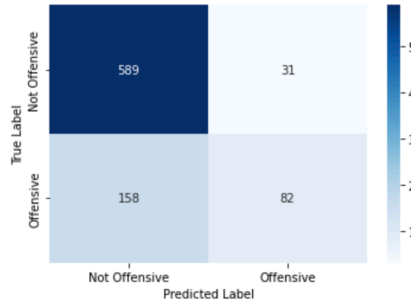


1. SVM baseline

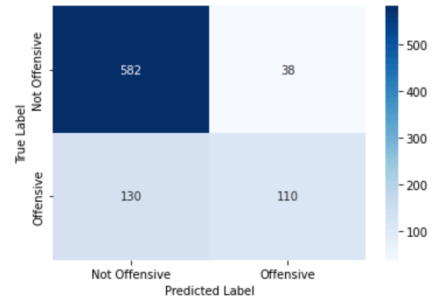
2. SVM optimised

Trained and tested on normal dataset

	precision	recall	f1-score	support
NOT	0.7885	0.9500	0.8617	620
OFF	0.7257	0.3417	0.4646	240
accuracy			0.7802	860
macro avg	0.7571	0.6458	0.6632	860
weighted avg	0.7710	0.7802	0.7509	860

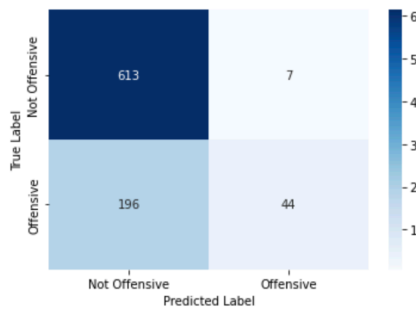


	precision	recall	f1-score	support
NOT	0.8174	0.9387	0.8739	620
OFF	0.7432	0.4583	0.5670	240
accuracy			0.8047	860
macro avg	0.7803	0.6985	0.7204	860
weighted avg	0.7967	0.8047	0.7882	860

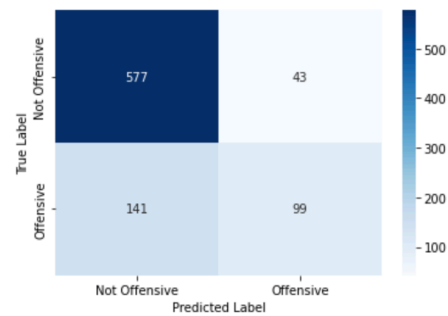


Trained and tested on masked dataset

	precision	recall	f1-score	support
NOT	0.7577	0.9887	0.8579	620
OFF	0.8627	0.1833	0.3024	240
accuracy			0.7640	860
macro avg	0.8102	0.5860	0.5802	860
weighted avg	0.7870	0.7640	0.7029	860

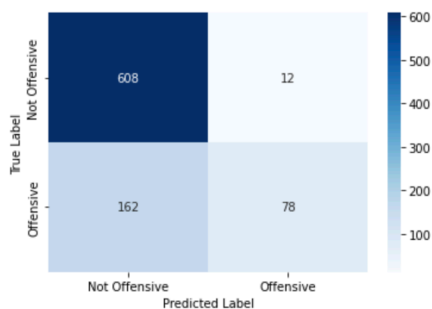


	precision	recall	f1-score	support
NOT	0.8036	0.9306	0.8625	620
OFF	0.6972	0.4125	0.5183	240
accuracy			0.7860	860
macro avg	0.7504	0.6716	0.6904	860
weighted avg	0.7739	0.7860	0.7664	860

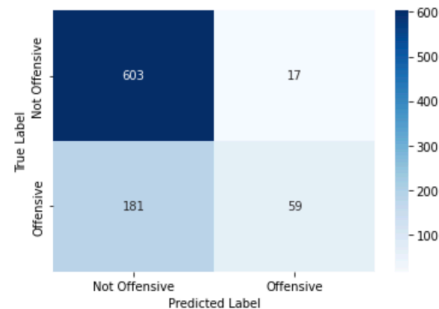


Trained with normal and tested on masked dataset

	precision	recall	f1-score	support
NOT	0.7896	0.9806	0.8748	620
OFF	0.8667	0.3250	0.4727	240
accuracy			0.7977	860
macro avg	0.8281	0.6528	0.6738	860
weighted avg	0.8111	0.7977	0.7626	860



	precision	recall	f1-score	support
NOT	0.7691	0.9726	0.8590	620
OFF	0.7763	0.2458	0.3734	240
accuracy			0.7698	860
macro avg	0.7727	0.6092	0.6162	860
weighted avg	0.7711	0.7698	0.7235	860

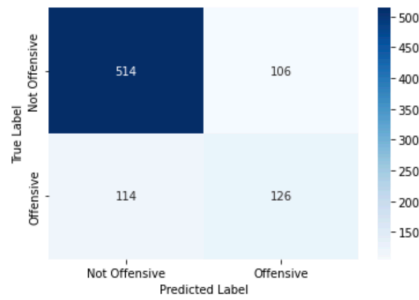


3. LSTM

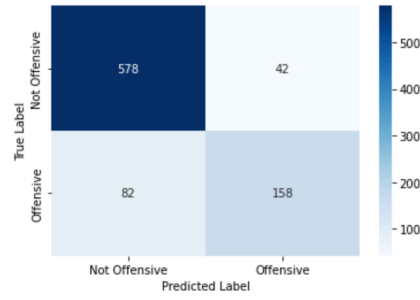
4. BERT

Trained and tested on normal dataset

Classification Report:				
	precision	recall	f1-score	support
0	0.818	0.829	0.824	620
1	0.543	0.525	0.534	240
accuracy			0.744	860
macro avg	0.681	0.677	0.679	860
weighted avg	0.742	0.744	0.743	860

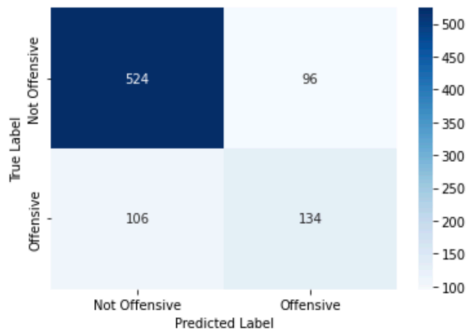


Classification Report on test set:				
	precision	recall	f1-score	support
0	0.876	0.932	0.903	620
1	0.790	0.658	0.718	240
accuracy			0.856	860
macro avg	0.833	0.795	0.811	860
weighted avg	0.852	0.856	0.852	860

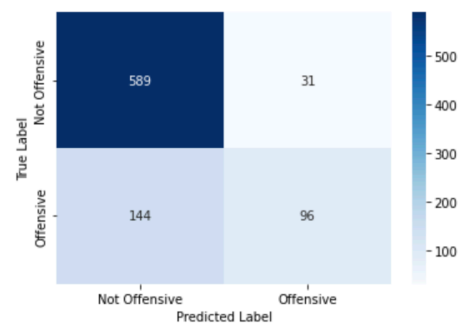


Trained and tested on masked dataset

Classification Report:				
	precision	recall	f1-score	support
0	0.832	0.845	0.838	620
1	0.583	0.558	0.570	240
accuracy			0.765	860
macro avg	0.707	0.702	0.704	860
weighted avg	0.762	0.765	0.764	860

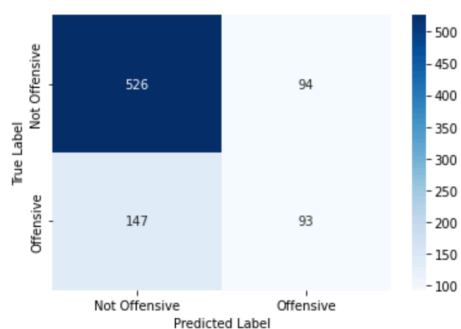


Classification Report on test set:				
	precision	recall	f1-score	support
0	0.804	0.950	0.871	620
1	0.756	0.400	0.523	240
accuracy			0.797	860
macro avg	0.780	0.675	0.697	860
weighted avg	0.790	0.797	0.774	860

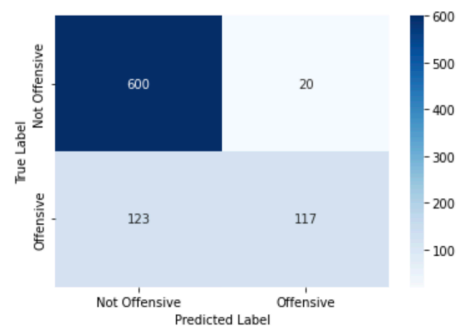


Trained with normal and tested on masked dataset

Classification Report:				
	precision	recall	f1-score	support
0	0.782	0.848	0.814	620
1	0.497	0.388	0.436	240
accuracy			0.720	860
macro avg	0.639	0.618	0.625	860
weighted avg	0.702	0.720	0.708	860



Classification Report on test set:				
	precision	recall	f1-score	support
0	0.830	0.968	0.894	620
1	0.854	0.487	0.621	240
accuracy			0.834	860
macro avg	0.842	0.728	0.757	860
weighted avg	0.837	0.834	0.817	860

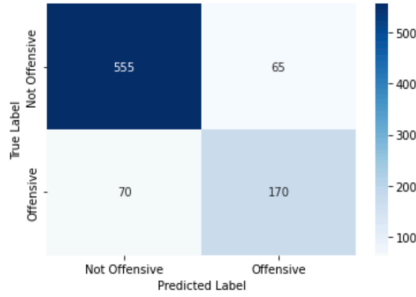


5. RoBERTa

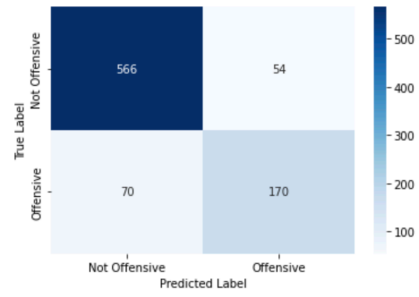
6. DeBERTa

Trained and tested on normal dataset

Classification Report on test set:				
	precision	recall	f1-score	support
0	0.888	0.895	0.892	620
1	0.723	0.708	0.716	240
accuracy			0.843	860
macro avg	0.806	0.802	0.804	860
weighted avg	0.842	0.843	0.843	860

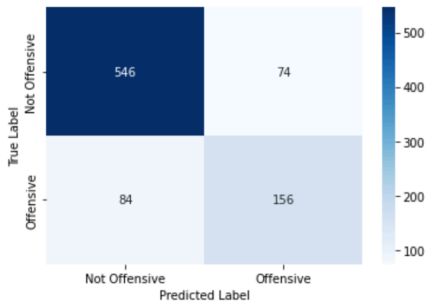


Classification Report on test set:				
	precision	recall	f1-score	support
0	0.890	0.913	0.901	620
1	0.759	0.708	0.733	240
accuracy			0.856	860
macro avg	0.824	0.811	0.817	860
weighted avg	0.853	0.856	0.854	860

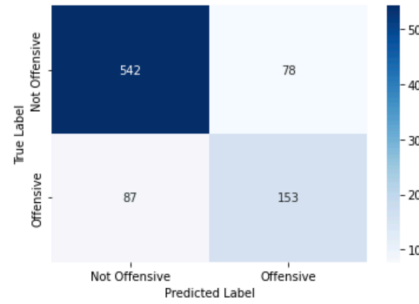


Trained and tested on masked dataset

Classification Report on test set:				
	precision	recall	f1-score	support
0	0.867	0.881	0.874	620
1	0.678	0.650	0.664	240
accuracy			0.816	860
macro avg	0.772	0.765	0.769	860
weighted avg	0.814	0.816	0.815	860

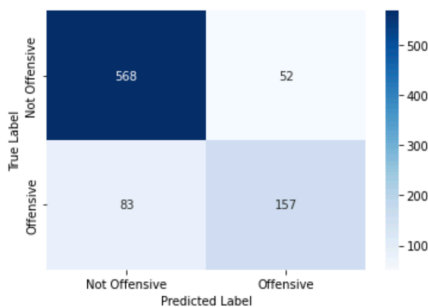


Classification Report on test set:				
	precision	recall	f1-score	support
0	0.862	0.874	0.868	620
1	0.662	0.637	0.650	240
accuracy			0.808	860
macro avg	0.762	0.756	0.759	860
weighted avg	0.806	0.808	0.807	860



Trained with normal and tested on masked dataset

Classification Report on test set:				
	precision	recall	f1-score	support
0	0.873	0.916	0.894	620
1	0.751	0.654	0.699	240
accuracy			0.843	860
macro avg	0.812	0.785	0.797	860
weighted avg	0.839	0.843	0.840	860



Classification Report on test set:				
	precision	recall	f1-score	support
0	0.897	0.910	0.903	620
1	0.758	0.729	0.743	240
accuracy			0.859	860
macro avg	0.827	0.819	0.823	860
weighted avg	0.858	0.859	0.858	860

