ML Model Performance Results Table (Binary)

Model	Embedding	Accuracy (%)	Precision (%)	Recall (%)	F1 Score (%)
SVM	MPNet	**98.32**	98.33	98.32	98.33
Logistic Regression	MPNet	**97.58**	97.59	97.58	97.58
LightGBM	MPNet	**97.21**	97.21	97.21	97.20
SVM	all-MiniLM-L6	**97.02**	97.03	97.02	97.01
Logistic Regression	all-MiniLM-L6	**96.83**	96.83	96.83	96.83
CatBoost	MPNet	**96.83**	96.83	96.83	96.83
XGBoost	MPNet	**96.83**	96.83	96.83	96.83
LightGBM	all-MiniLM-L6	**96.46**	96.47	96.46	96.45
AdaBoost	MPNet	**96.46**	96.46	96.46	96.46
Random Forest	MPNet	**96.28**	96.32	96.28	96.26
XGBoost	all-MiniLM-L6	**96.09**	96.12	96.09	96.08
Random Forest	all-MiniLM-L6	**95.72**	95.86	95.72	95.69
CatBoost	all-MiniLM-L6	**95.34**	95.37	95.34	95.33
AdaBoost	all-MiniLM-L6	**95.16**	95.19	95.16	95.14
Gradient Boosting	MPNet	**91.06**	91.05	91.06	91.05
Naive Bayes	MPNet	**90.88**	91.13	90.88	90.76
Gradient Boosting	all-MiniLM-L6	89.57	89.59	89.57	89.58
Decision Tree	all-MiniLM-L6	89.39	89.37	89.39	89.37
Decision Tree	MPNet	88.83	88.80	88.83	88.81
Naive Bayes	all-MiniLM-L6	87.15	87.63	87.15	86.89