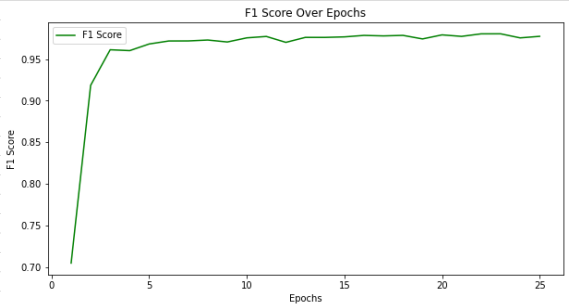
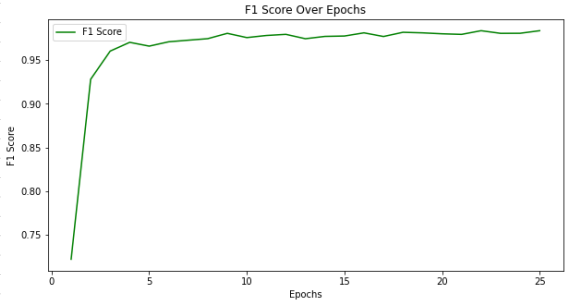
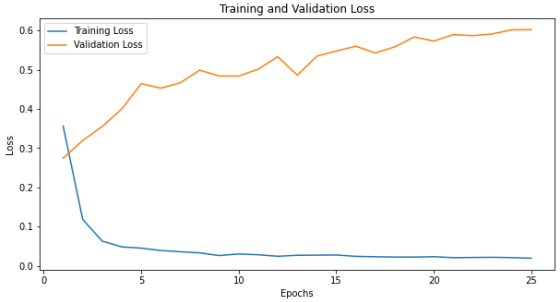
Model Name	
Multiclass classification Stratified WITH BERT	Binary accuracy on the test set: 94.173%.
	Precision on the test set: 85.332
	Recall on the test set: 90.385
	AUC on the test set: 84.783%
	PR AUC on the test set: 82.979
	F1 score for the above test set (P and R): 85.73
	Train F1 Score - F1 score: 97.92
	Categorical accuracy on the test set: 94.17%



Multiclass classification Without Stratification WITH BERT	Binary accuracy on the test set: 94.18
	Precision on the test set: 86.0892117023468
	Recall on the test set: 89.56043720245361
	AUC on the test set: 79.81651425361633
	PR AUC on the test set: 84.4660222530365
	F1 score: 98.35
	Categorical accuracy on the test set: 94.19%

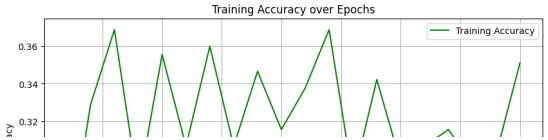


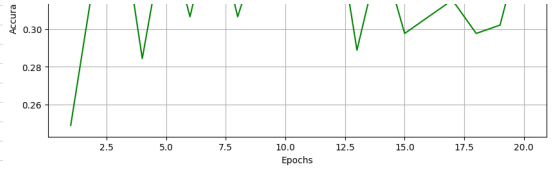


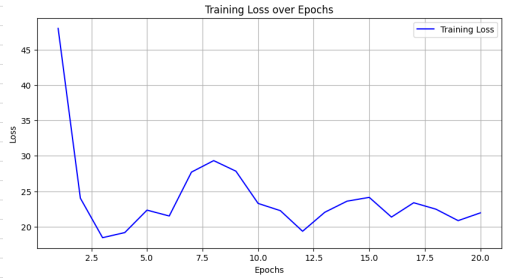
BART + BERT - MULTILABEL CLASSIFICATION	acc,loss,fscore (51.37500000000001, 72.92603999376297, 67.31744400723004)

	precision	recall	f1-score	support
[0.0, 0.0]	0.74	1.00	0.85	296
[0.0, 1.0]	0.00	0.00	0.00	104
accuracy			0.74	400
macro avg	0.37	0.50	0.43	400
weighted avg	0.55	0.74	0.63	400

UNDER SAMPLING CLASSIFICATION - BERT	Test Accuracy: 24.5614%
	Test Loss: 1.6702
	Test Recall: 25.0000
	Test F1 Score: 9.8592




Accura
0.30
0.28
0.26
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0
Epochs


Training Loss over Epochs
Training Loss
Loss
45
40
35
30
25
20
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0
Epochs