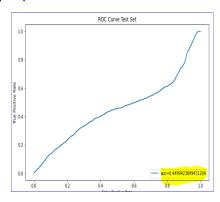
1. In comparing the two ROC curve model graphs, one can clearly view the discrepancy in the first model between its the training set calculations and the testing set calculations. The discrepancy is big enough to not have the need to graph the calculations. Consequently, the calculations clearly support this observation. This is not well fit model for this data set.

nnocicion	posall	f1 scope	support
precision	recall	11-30016	suppor c
0.63	0.72	0.67	6090
0.68	0.58	0.63	6090
		0.65	12180
0.66	0.65	0.65	12180
0.66	0.65	0.65	12180
precision	recall	f1-score	support
0.51	0.73	0.60	2351
0.53	0.31	0.39	2351
		0.52	4702
0.52	0.52	0.50	4702
0.52	0.52	0.50	4702
	0.68 0.56 0.66 precision 0.51 0.53	0.63 0.72 0.68 0.58 0.66 0.66 0.65 precision recall 0.51 0.73 0.53 0.31 0.52 0.52	0.63

2. To further corroborate the findings, one can observe the AUC score to be less than .05, which clearly depicts the model to have no class separation.



3. In contrast, the second ROC curve model graph, the model is well fitted per the training calculations. While there are discrepancies in the training set and testing, it is above the .05 threshold, which fortifies, the model is well fitted.

