

Random Forest Confusion Matrix

True Labels	0	932860	0	46074	46911	3893	104513	0	1532	504
	1	972	0	0	0	0	0	0	0	0
	2	23535	0	0	0	0	26543	0	13900	0
	3	39754	0	0	0	0	83678	0	3035	0
	4	97	0	0	3	0	0	0	1883	1985
	5	4	0	4	6	0	0	0	0	0
	6	1012	0	1	0	0	93	0	0	0
	7	79254	0	58	0	0	54	0	213	1
	8	2966	0	0	0	0	0	0	20	4
	Predicted Labels		0	1	2	3	4	5	6	7

XGBoost Confusion Matrix

True Labels	0	731353	2939	85447	63614	0	33092	210633	7560	1649
	1	361	0	0	605	0	0	6	0	0
	2	487	0	28688	9389	0	25397	0	17	0
	3	27054	0	14384	6467	0	75001	0	3561	0
	4	741	0	1985	1242	0	0	0	0	0
	5	0	0	0	0	0	0	14	0	0
	6	82	0	93	928	0	0	3	0	0
	7	78887	0	155	389	0	17	112	20	0
	8	1483	0	1488	19	0	0	0	0	0
			0	1	2	3	4	5	6	7
Predicted Labels										

LSTM Confusion Matrix

True Labels	0	136287	0	0	0	0	0	0	0	
	1	972	0	0	0	0	0	0	0	
	2	63978	0	0	0	0	0	0	0	
	3	126467	0	0	0	0	0	0	0	
	4	3968	0	0	0	0	0	0	0	
	5	14	0	0	0	0	0	0	0	
	6	1106	0	0	0	0	0	0	0	
	7	79580	0	0	0	0	0	0	0	
	8	2990	0	0	0	0	0	0	0	
			0	1	2	3	4	5	6	7
Predicted Labels										