batch_size	epochs	learning_rate	avg_f1_macro	avg_f1_weighted	avg_precision_macro	avg_recall_macro
256	50	0.001	0.3893548463	0.5698160035	0.3691349102	0.5548088333
128	100	0.001	0.3938800702	0.5655814612	0.3766473369	0.5620950682
128	80	0.001	0.3883275447	0.5654025284	0.3750873415	0.5486260218
64	50	0.001	0.3825767191	0.5618128611	0.3667403786	0.5507329851
256	80	0.001	0.3902195824	0.558701689	0.3781765329	0.5650141555