batch_size	epochs	learning_rate	avg_accuracy	avg_f1	avg_f2	avg_fn	avg_fp	avg_loss	avg_precision	avg_recall	avg_roc_auc	avg_specificity	avg_tn	avg_tp
10000	10	0.01	0.9998277922179036	0.9978989524550194	0.998033343158408	27.6	34.2	0.0037494364647298	0.9976754140994254	0.9981230485363396	0.999751727753768	0.9999900628835856	344130.0	14677.0
20000	20	0.01	0.9998383810431146	0.9980286202945854	0.9982729151208676	23.0	35.0	0.0037256537134655	0.9976218361258828	0.9984358719303356	0.9997453519692888	0.9998983043626396	344129.2	14681.6
2000	10	0.001	0.9998194326152932	0.997797010979454	0.9979354539346712	29.0	35.8	0.0038438992499787	0.9975666430792453	0.9980278418990232	0.9997580068586644	0.9998959798894236	344128.4	14675.6
15000	10	0.01	0.9998372664318144	0.9980151455978123	0.9982919924298496	22.4	36.0	0.0038558816799397	0.9975542031697342	0.9984766743784824	0.9997726470520508	0.999895398772808	344128.2	14682.2
20000	10	0.01	0.9998461833392984	0.9981242141091304	0.9984987988406268	18.4	36.8	0.0039172218905554	0.9975006058575556	0.9987486971742786	0.9997812469101298	0.9998930743029688	344127.4	14686.2