model = Sequential()

model.add(Dense(512, input\_shape=(32,)))

model.add(Activation('tanh'))

[[ 0.9788003 0.02119968]

[ 0.3406032 0.65939677]

[ 0.92213184 0.07786819]

[ 0.32629418 0.67370582]

[ 0.3630951 0.6369049 ]

[ 0.3174729 0.68252707]

[ 0.33652458 0.66347539]

[ 0.31811681 0.68188322]

[ 0.37617812 0.62382185]

[ 0.3626807 0.63731933]

[ 0.32799697 0.67200303]

[ 0.51873124 0.48126873]

[ 0.62448698 0.37551302]

[ 0.33364207 0.66635793]

[ 0.31106949 0.68893051]

[ 0.31744817 0.6825518 ]

[ 0.36433762 0.63566238]

[ 0.30640757 0.69359243]

[ 0.3174977 0.68250227]

[ 0.3126249 0.68737507]

[ 0.31910974 0.68089026]

[ 0.32999855 0.67000145]

[ 0.36495516 0.63504481]

[ 0.31615722 0.68384278]

[ 0.3276059 0.6723941 ]

[ 0.31776637 0.68223363]

[ 0.31553492 0.68446511]

[ 0.31753129 0.68246871]

[ 0.28611851 0.71388149]

[ 0.52474415 0.47525588]

[ 0.31826618 0.68173385]

[ 0.3174707 0.68252933]

[ 0.37550208 0.62449795]

[ 0.3171728 0.68282723]

[ 0.31747076 0.68252927]

[ 0.30551997 0.69448006]

[ 0.31747076 0.68252927]

[ 0.31747076 0.68252927]

[ 0.33312488 0.66687512]

[ 0.40937683 0.59062314]

[ 0.31668791 0.68331206]

[ 0.31812343 0.68187654]

[ 0.323356 0.67664397]

[ 0.36990559 0.63009441]

[ 0.31747076 0.68252927]

[ 0.41983739 0.58016264]

[ 0.31746882 0.68253118]

[ 0.32599357 0.6740064 ]

[ 0.36518183 0.6348182 ]

[ 0.32847577 0.67152423]]

model = Sequential()

model.add(Dense(32, input\_shape=(32,)))

model.add(Activation('tanh')

[[ 9.99943376e-01 5.66417002e-05]

[ 9.99943376e-01 5.66418603e-05]

[ 9.99902844e-01 9.71784029e-05]

[ 5.66050330e-05 9.99943376e-01]

[ 5.66050330e-05 9.99943376e-01]

[ 5.66050330e-05 9.99943376e-01]

[ 5.66050330e-05 9.99943376e-01]

[ 5.66050330e-05 9.99943376e-01]

[ 9.99943376e-01 5.66417002e-05]

[ 9.99943316e-01 5.67102870e-05]

[ 3.91937152e-04 9.99608040e-01]

[ 9.99943376e-01 5.66417002e-05]

[ 9.99943376e-01 5.66417002e-05]

[ 5.66050330e-05 9.99943376e-01]

[ 9.99877334e-01 1.22686644e-04]

[ 5.66051422e-05 9.99943376e-01]

[ 5.66050330e-05 9.99943376e-01]

[ 5.66050330e-05 9.99943376e-01]

[ 9.99943376e-01 5.66417002e-05]

[ 2.61323112e-05 9.99973893e-01]

[ 5.66050330e-05 9.99943376e-01]

[ 9.99943376e-01 5.66417002e-05]

[ 5.66050330e-05 9.99943376e-01]

[ 5.66050330e-05 9.99943376e-01]

[ 5.66050330e-05 9.99943376e-01]

[ 5.66483432e-05 9.99943376e-01]

[ 9.99877334e-01 1.22686528e-04]

[ 9.99246478e-01 7.53541302e-04]

[ 9.99935627e-01 6.43572130e-05]

[ 9.99943376e-01 5.66417002e-05]

[ 5.66050330e-05 9.99943376e-01]

[ 9.99943376e-01 5.66418603e-05]

[ 9.99735415e-01 2.64561269e-04]

[ 5.66050330e-05 9.99943376e-01]

[ 5.66050330e-05 9.99943376e-01]

[ 9.99943376e-01 5.66417548e-05]

[ 5.66050330e-05 9.99943376e-01]

[ 9.99943376e-01 5.66417002e-05]

[ 5.66050330e-05 9.99943376e-01]

[ 9.99943376e-01 5.66417002e-05]

[ 5.66050330e-05 9.99943376e-01]

[ 9.99943376e-01 5.66417002e-05]

[ 9.99943376e-01 5.66417002e-05]

[ 5.66050330e-05 9.99943376e-01]

[ 5.66050330e-05 9.99943376e-01]

[ 9.99943376e-01 5.66417002e-05]

[ 5.66050330e-05 9.99943376e-01]

[ 5.66050330e-05 9.99943376e-01]

[ 9.99943376e-01 5.66417002e-05]

[ 9.99943376e-01 5.66417002e-05]]

[0 0 0 1 1 1 1 1 0 0 1 0 0 1 0 1 1 1 0 1 1 0 1 1 1 1 0 0 0 0 1 0 0 1 1 0 1

0 1 0 1 0 0 1 1 0 1 1 0 0]

Overfitting 이 사라져서 갑들이 나오기 시작한다 이제 random/Legulization 등을 써봐야 겠다 먼저 CSV 파일로 나오도록 만들어야 하는데

먼저 판다스 DataFrame 부터 공부해야 겠다 ~~

Hidden layer 2 (29/29 , no regularization)

Log loss :0.584653 / 259등

[ 0.17581409 0.82418591]

[ 0.40237981 0.59762019]

[ 0.60377997 0.39622003]

[ 0.33673137 0.66326863]

[ 0.68433833 0.31566167]

[ 0.65580177 0.3441982 ]

[ 0.34113163 0.65886837]

[ 0.33119404 0.66880596]

[ 0.4981679 0.50183207]

[ 0.37990963 0.62009037]

[ 0.17977281 0.82022721]

[ 0.41126788 0.58873212]

[ 0.71573746 0.28426257]

[ 0.27716553 0.72283447]

[ 0.28912416 0.71087581]

[ 0.30339512 0.69660491]

[ 0.34465259 0.65534741]

[ 0.25433266 0.74566734]

[ 0.24140401 0.758596 ]

[ 0.20356357 0.79643643]

[ 0.69269049 0.30730951]

[ 0.31822777 0.68177223]

[ 0.53507096 0.46492904]

[ 0.74821287 0.2517871 ]

[ 0.73038876 0.26961121]

[ 0.70602351 0.29397649]

[ 0.52230453 0.47769549]

[ 0.67110467 0.32889533]

[ 0.32842642 0.67157358]

[ 0.73732269 0.26267731]

[ 0.19779779 0.80220222]

[ 0.83545876 0.16454124]

[ 0.23094091 0.76905912]

[ 0.62443662 0.37556338]

[ 0.7586872 0.24131279]

[ 0.75511539 0.2448846 ]

[ 0.45079902 0.54920101]

[ 0.41187158 0.58812845]

[ 0.41553068 0.58446932]

[ 0.58640361 0.41359639]

[ 0.17917188 0.82082814]

[ 0.54541463 0.45458534]

[ 0.24578363 0.75421637]

[ 0.18794623 0.81205374]

[ 0.44908145 0.55091858]

[ 0.27409172 0.72590828]

[ 0.28373858 0.71626145]

[ 0.32302234 0.67697769]

[ 0.57235891 0.42764112]

[ 0.68449146 0.31550854]]