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import numpy as numpy
from keras.layers.core import Dense, Dropout, Activation
from keras.models import Model, Sequential, load_model
mod = load_model('binarymodel')
var = numpy.array( # DATA IN)
im=Model(inputs=mod.input, outputs=mod.layers[0].output)
bet_out=im.predict(var)
print(bet_out)

[[0.00315911 0.99313855 0.8934018  0.9962275  0.4061609 ]
 [0.99178004 0.01282719 0.1728257  0.44448748 0.9950522 ]
 [0.01198849 0.01921457 0.9948719  0.99430597 0.99182224]
 [0.98884964 0.99591553 0.2953171  0.01128712 0.9278987 ]
 [0.99623907 0.1016463  0.17702198 0.99066573 0.19131207]
 [0.9930556  0.21206659 0.9856872  0.02023864 0.9940425 ]
 [0.10031119 0.26138613 0.05012399 0.95902216 0.9964615 ]
 [0.99521136 0.99350053 0.9842653  0.9932499  0.00542656]
 [0.0046609  0.9965738  0.14860925 0.99572957 0.98970294]
 [0.30674213 0.9900389  0.07061565 0.15903154 0.9951551 ]
 [0.00953931 0.14548075 0.99372816 0.40703723 0.99438775]
 [0.99587345 0.99053514 0.00656056 0.39223376 0.9946971 ]
 [0.4781141  0.9936135  0.9939023  0.9904211 0.00823686]
 [0.99417967 0.15306714 0.9920294  0.26039958 0.14420393]
 [0.23066056 0.0962764  0.12838644 0.9935435  0.20945433]
 [0.98079884 0.9953759  0.99524915 0.00398105 0.99091697]
 [0.99070716 0.99366945 0.00680515 0.9928443  0.50778496]
 [0.17483062 0.01938742 0.99543345 0.990093  0.19028836]
 [0.9873767  0.9922482  0.9828614  0.03160223 0.30742675]
 [0.3422608  0.2783318  0.9949722  0.01097012 0.9901943 ]
 [0.1601938  0.9743619  0.96167934 0.99337745 0.11314717]
 [0.98718405 0.99506724 0.27081895 0.9850297  0.04875275]
 [0.3765832  0.99488485 0.00659442 0.99410665 0.9951463 ]
 [0.9919328  0.99158883 0.98905206 0.31365812 0.04078031]
 [0.9933715  0.01492187 0.99282295 0.995934  0.07620615]
 [0.00683942 0.98735857 0.99503595 0.26275364 0.3303476 ]
 [0.99486923 0.35972023 0.19628572 0.04974914 0.9914778 ]
 [0.01445001 0.98729944 0.43581545 0.16519952 0.99580526]
 [0.99354506 0.01225901 0.02370924 0.9956372  0.9953368 ]
 [0.05180004 0.01341245 0.34750193 0.9912729  0.99700165]
 [0.9952048  0.00495398 0.994591  0.44456637 0.9954188 ]
 [0.00635299 0.9874684  0.9944433  0.12608689 0.9952868 ]]

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