





```
from numpy import loadtxt #handle/load dataset
 from keras.models import Sequential #Empty working area
 from keras.layers import Dense #Dense layer
 dataset = loadtxt('pima-indians-diabetes.csv', delimiter=',')
 x = dataset[:, 0:8]
 y = dataset[:,8]
 print(x)
 model = Sequential()
 model.add(Dense(12, input dim=8, activation='relu'))
 model.add(Dense(8, activation='relu'))
 model.add(Dense(1, activation='sigmoid'))
 model.compile(loss='binary_crossentropy', optimizer='adam', metrics=['accuracy']
 model.fit(x, y, epochs=5, batch size=10)
  _, accuracy = model.evaluate(x, y)
 print('Accuracy: %.2f' % (accuracy*100))
 model_json = model.to_json()
with open("model.json", "w") as json_file:
     json file.write(model json)
 model.save weights ("model.h5")
 print ("Saved model to disk")
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Home 5 File Edit Format Run Options Window Help
🏲 📋 🗂 from numpy import loadtxt
Quick Copy Pasts from keras.models import model_from_json
dataset = loadtxt('pima-indians-diabetes.csv', delimiter=',')
       x = dataset[:,0:8]
Quick access
       y = dataset[:,8]
Desktop
Downloads
       json file = open('model.json', 'r')
Documents
       loaded model json = json file.read()
Pictures
       json file.close()
Music .
Videos
OneDrive
       model = model from json(loaded model json)
       model.load weights ("model.h5")
This PC
3D Objects
       print ("Loaded model from disk")
Desktop
Documents
       predictions = model.predict_classes(x)
Downloads
Music
       for i in range (5, 10):
Pictures
Videos
                print('%s => %d (Original Class: %d)' % (x[i].tolist(), predictions[i],
Acer (C:)
New Volume (D
Tech (E:)
Network
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