

import tensorflow as tf
from tensorflow import keras

1. 클리어

Clear-Session()

2. 순서

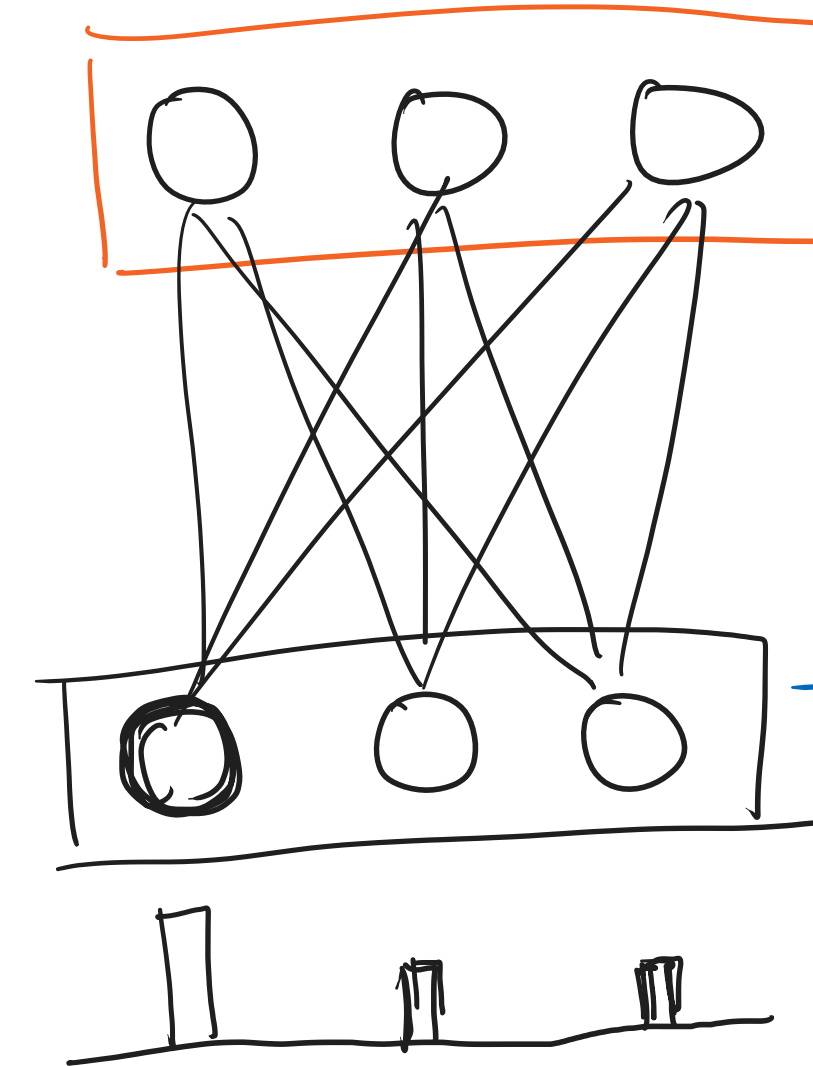
Sequential()

.add(Input(shape=(5,)))

.add(Dense(3))

.Compile(loss='mse',
optimizer='adam')

.fit, .predict ← sklearn 동일.



Functional API : 사실처럼 연결

il = Input(shape=(3,))

o = Dense(3, 'softmax')(il)

.Compile(loss=Categorical
~~binary~~ crossentropy'
metrics='accuracy'
optimizer='adam')

Y
0
1
2
0
1

→ to_categorical()

One-hot Encoding

0	1	2
1	0	0
0	1	0
0	0	1
1	0	0
0	1	0

