

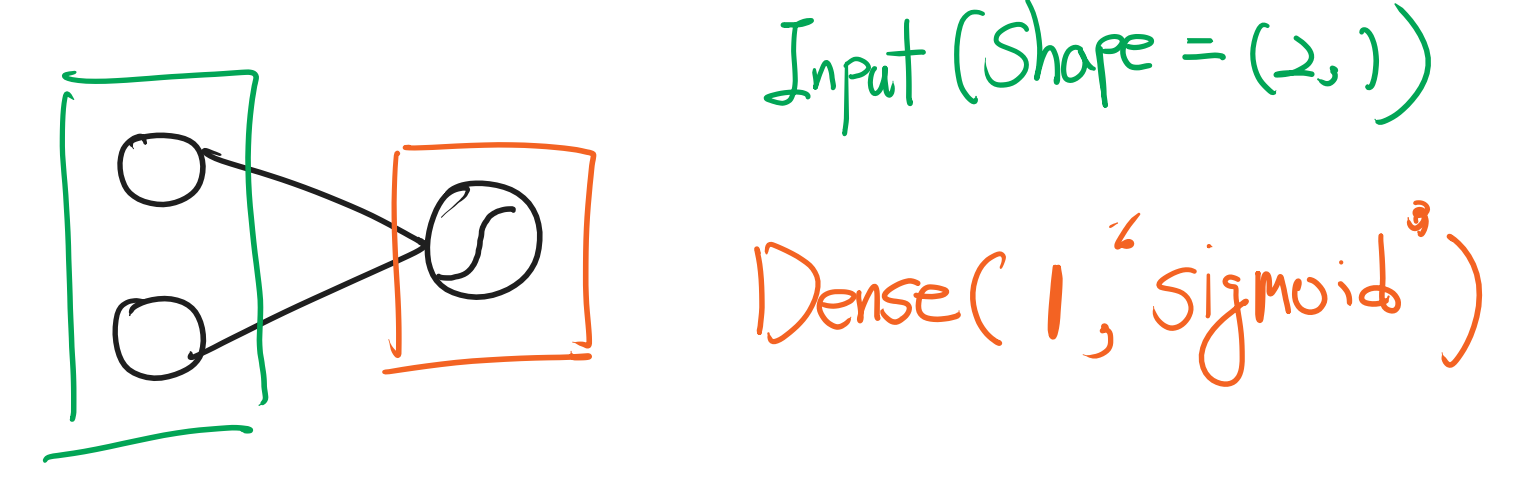
2023. 02. 27

ML
선형 회귀

framework
Tensorflow
↳ keras

- 1. 선형 회귀
- 2. logistic 회귀

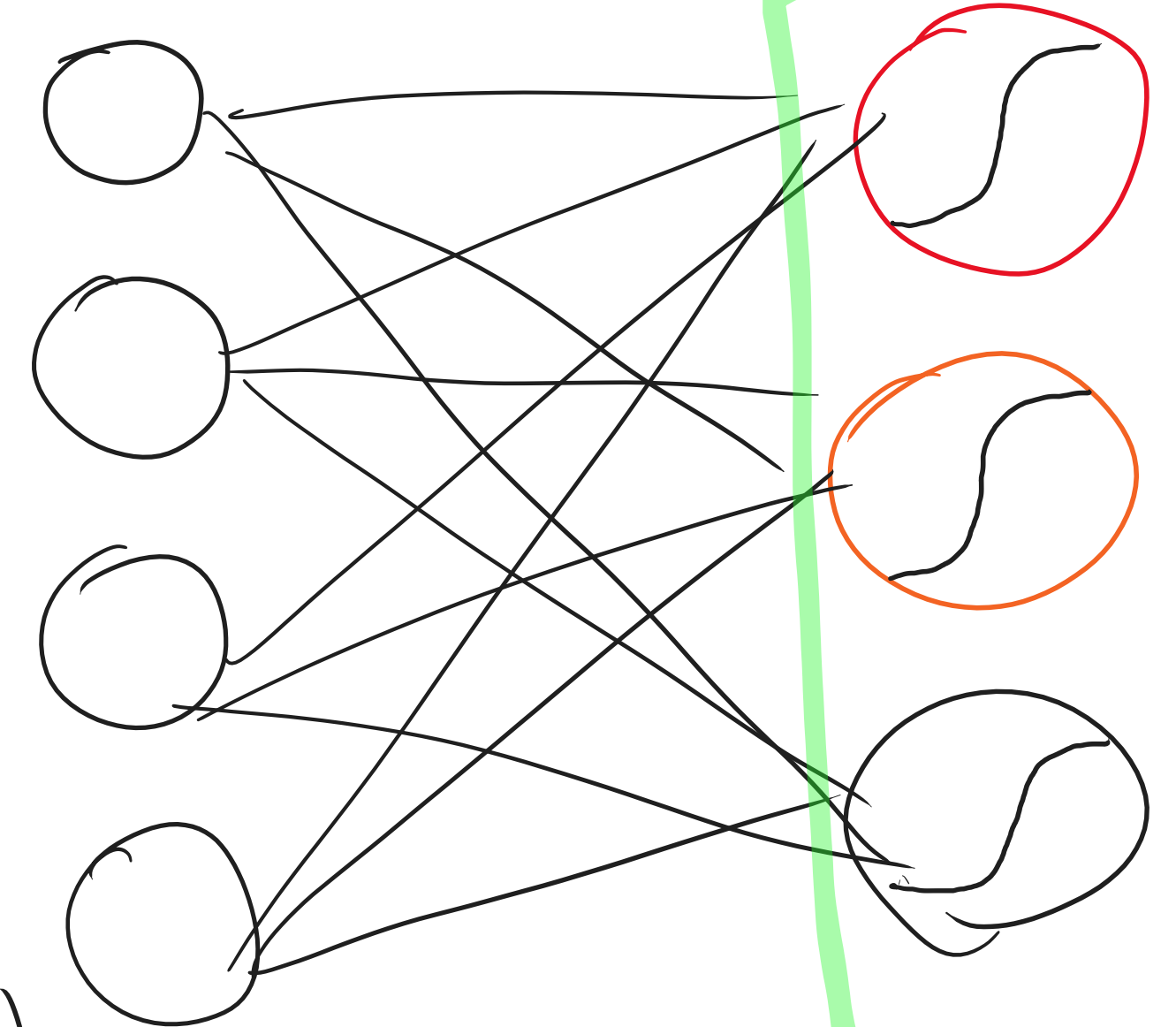
- 1. Sequential API
 - 2. Functional API
- 3원자, 4원자.



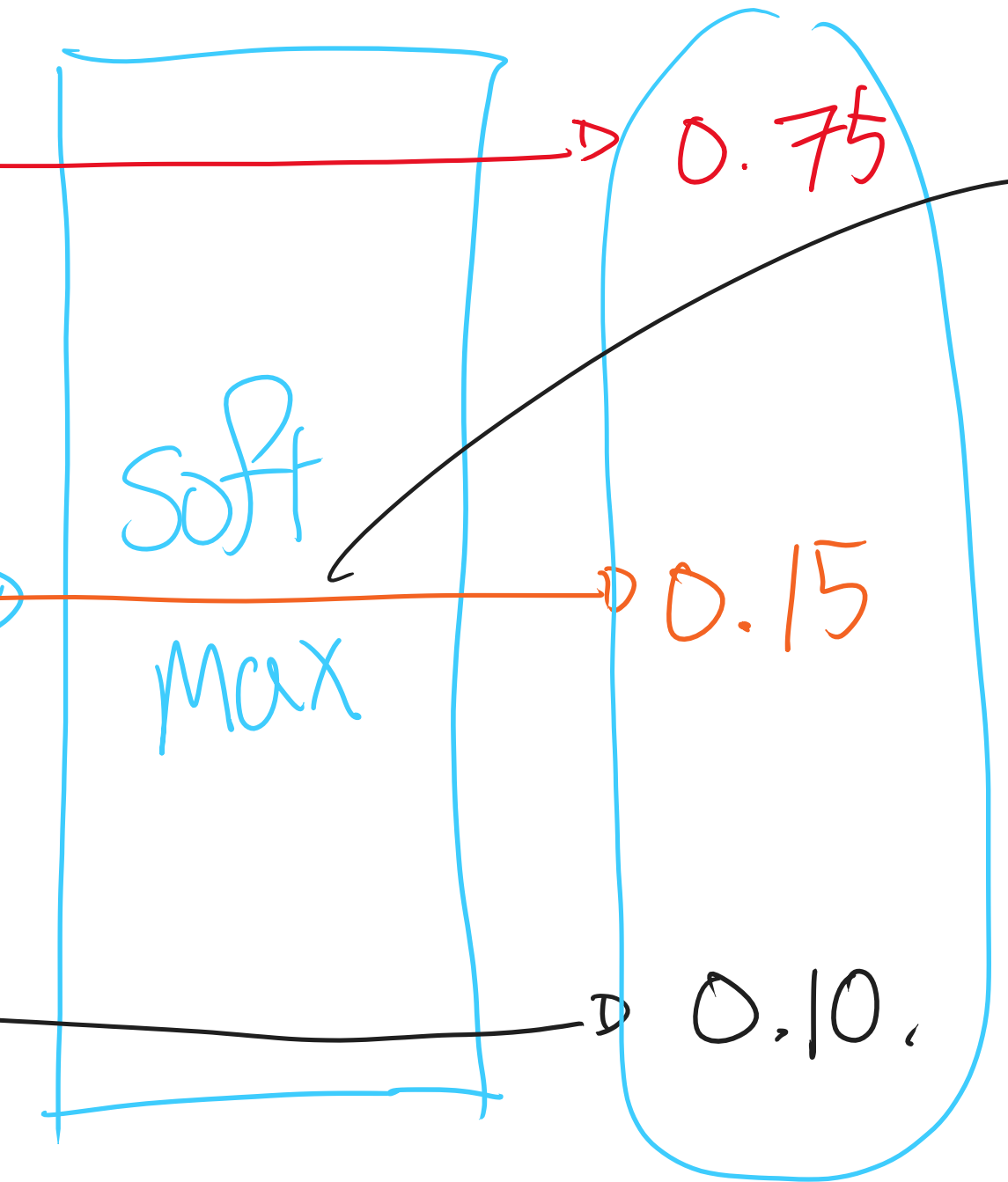
Compile	Loss
Linear	Logistic
MSE	binary_crossentropy

↳ metric = 'accuracy'

sepal
sepal
Petal
Petal



Setosa or Not → 0~1 : 0.8
Versicolor or Not → 0~1 : 0.6
Virginica. or Not → 0~1 : 0.2



$$y_k = \frac{\exp(a_k)}{\sum_i^n \exp(a_i)}$$

One VS rest
One VS the others.

Andrew Ng

각 확률의 총합이
확률의 범위인가?

확률의 범위.

Y
0
1
2
0

Y
Setosa
Versicolor
Virginica.
Setosa.

Setosa	Versicolor	Virginica
1	0	0
0	1	0
0	0	1
1	0	0

(#, 3)

1. One VS the Others,
↳ Y → Class 별로 4중
One-Hot
2. Softmax func.