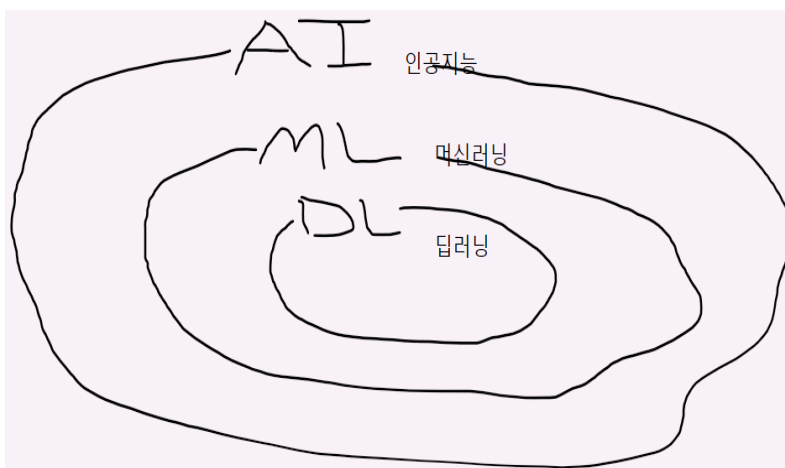
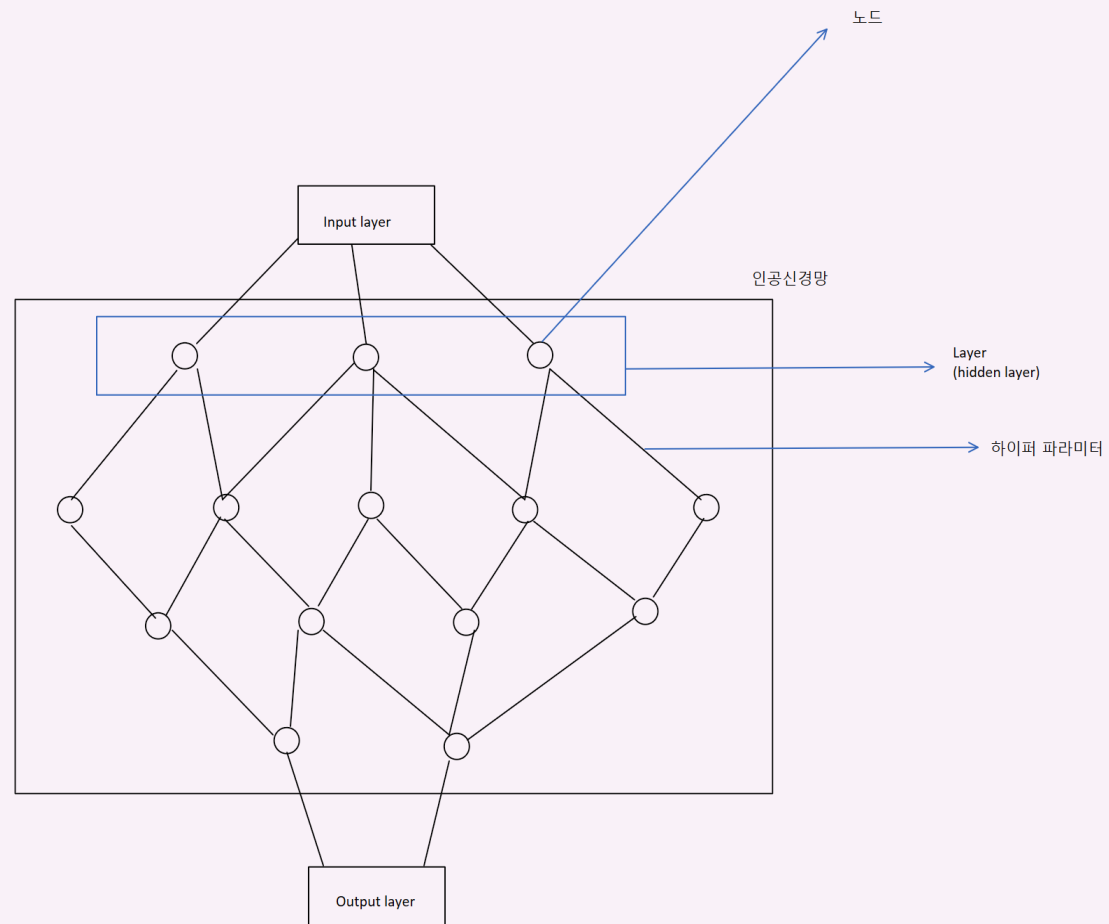
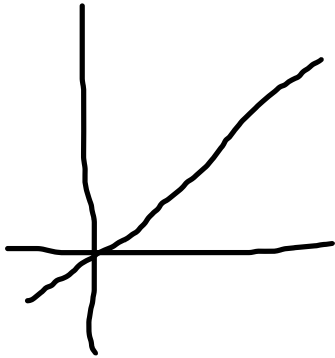


Deep?





1 차함수( $y=ax+b$ )

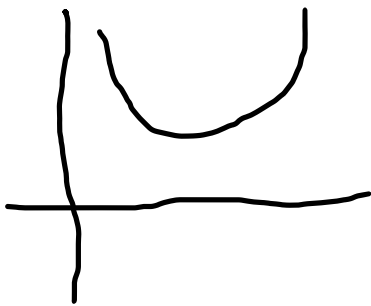
$$y=wx+b$$

w(weight, 가중치, 선의 기울기)

최적의 w 를 구한다 = 최소의 loss 를 구한다

error, cost(비용), loss(손실)

정제된 데이터

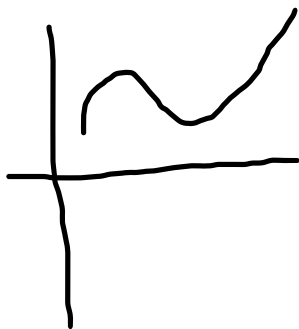


2 차함수

$$y=ax^2+bx+c \rightarrow \text{미분} \rightarrow y=2ax+b$$

$$2a=w$$

$$wx+b$$



3 차함수

$$y=ax^3+bx^2+cx+d \rightarrow \text{미분} \rightarrow y=3ax^2+2bx+c \rightarrow \text{미분} \rightarrow y=6ax+2b$$

$$6a=w$$

$$wx+2b$$