

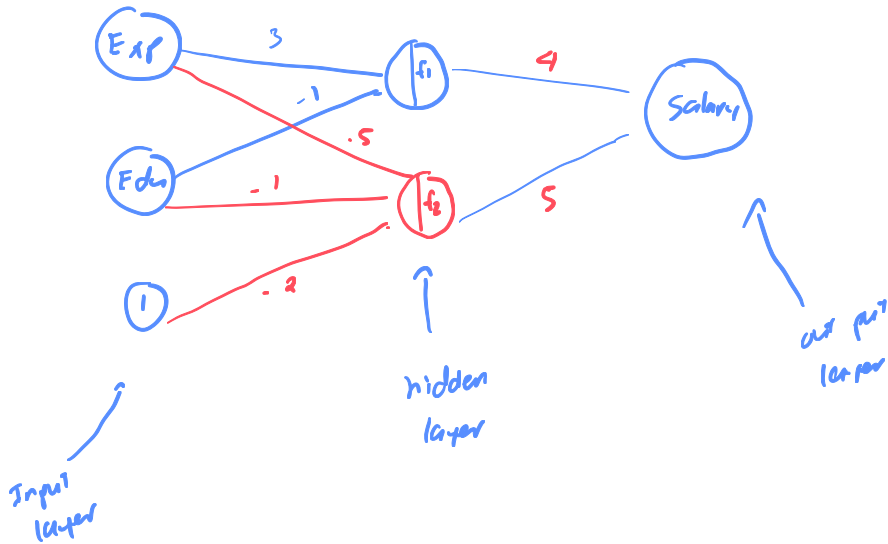
## Neural Network

$$Y = 2x_1 + 3x_2 + 5 \quad (\text{linear model})$$

$\uparrow$  Salary       $\uparrow$  Experience (Exp)       $\uparrow$  years of education (Edu)



## Model 2



$f_1, f_2$  are "activation" functions

$f_1$ : logistic function

$f_2$ : tanh function.

## Calculation example

Exp = 10 years

Edu = 16

