$$a_1 = g(z) = \frac{1}{1+e^{-z}} = P(y=1|z)$$
  
 $(z=v.x+b)$ 

$$a_2 = 1 - a_1 = p(y=0|\vec{z})$$

## ii) Softmax regression

$$a_{j} = \frac{e^{\frac{2}{3}}}{\sum_{k\neq 0}^{N} e^{\frac{2}{3}k}} = P(y=j|\vec{z})$$

만속 softmax regression problemand 보급하이다한 class 수가 2개어평?