

tanh (x) =
$$\frac{e^{x} - e^{-x}}{e^{x} + e^{-x}}$$

tanh (0) = 0
tanh (1) = 0.76
tanh (2) = 0.96
x= too any drustrois, to partially
(1 6.05, 22.2, 0.55] = [0.21, 0.77, 0.02]
Wz

Logistive Regression : L(x,y) = log P(y=yx|x) = 10.21
gradient: $\frac{d}{dx} L(x,y) = log P(y=yx|x) = 10.21$
 $\frac{d}{dx} L(x,y) = log P(y=+|x)$
= $\frac{d}{dx} L(x,y) = log P(y=+|x)$

