## Lec S. Laristic Repression = cost = +

® cost function

Cost = g(Z) = -le(Z) 2011.

(ast: \$(2)= - lag(1-2) 201

4=1.

4=0.

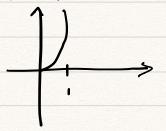
H(x)=1- = cest = 0

Has =0 -0 cost=0

H(x)=0- costs 00

H(n)= 1 -> cost= 00





(\*) if Gn Jition 是 MIHAT 到至 (est function ((Hne), 4) = -4/08 (Hno) - (1-4) log (1-Hno)

@Minimize cost-Gradient decent alforithm cost(W) =- # = ylog (Hox) + (1-4) log(1-Hox) W:= W- X. Du cose(W)

-D Tensor flow It stocked BHZH