

Logisha Regres 900 - Cost to brus clos follow) wast $\hat{y} = P(y=1/n)$ paranetes: WER , b ER out pt 3= 5 (win +b) parameter coming from 2 n, n, n to a, a (2) = can be oute central curvase Ite On # Logistic Regression, Cost tunction, we can be Lossen = 1 (y-y)?

2 pridicted actor tod door will but in logistic engrission we usually down do this bes # # it has moltiple local minimas so Logrest discent usually downt find the opinion Mruma. Loss f = - (ylogg +1-y)log(1-2 he wast to minin; 20 eg: = 1 1055 fm = = 100 g MINIMIZ -> MAXIMIZ 1099 gines us take signoid max g can by I only

DOM5

If 4-6 NINING Y g -> min value of y - masurs how had your's doing on on trining exemple (05) In - neavers has nell you's doing on Cost fh =