X=Rd == {±1} Jun 1961 HURBUG XX S 7 23 16 D -14829. 11) 2.900 10/60 30263032 ∀x ∈ X ho(x) { 1 P(y=1/x) 7/3 ho=algmax P(x 1y) P(y). 5.3 150 P(y|x)P(x) = P(x)y)P(y) :000 -1000 argmax P(x|y) P(y) = argmax P(y|x)P(x) = argmax P(y|x)P(x)
yeş+23
0:21
yeş+23 p'231 (y=1x) -1 (y=01x) e 28 p'es y 2512 P(y=0|x)<= P(y=1/N)>13 arymex P(x|y)(P(y) = Sy P(y=1 |x) >/= (1 P(y-1)x) 21= (y P(y=0|x)<= 1-1 0.w $=h_{0}(x)$ 4.1.3 R3 My son Mil 0100 X14 N (My, Z) 1 X=Ra f (xly) = 1 $\sqrt{(2\pi)^d}$ det (E)M41, M1 , 2 , 10 8.63 1 610 o's 46 11/01/2 classition 5/6 note = arguax Sycx 8y (x) = x = 2 my - 3 my T = my + npr (9) y = 2 = 2)

how agnows S(x) = agnux P(x/y)P(y) -JULIA SIZ 200000 ln(ho) = arg Max ln p(x1g) p(y) = = argmax (ln(p(x/y))+ln(p(y))) = - ye {1.13 (1 - 2(x-y)) = -2(x-y) = -2(= argman (-1/2 (x-my)) \(\frac{1}{2} - \left(x-my) + ln \(\rho \left(y) \right) \) -11- (-1/2xt = - x + 1/2y = 2xt = xt = xy = 3/2y = -11 (x12-3my - 3my + CnP(y))= = argnax ay(x) S=(x1, 47), ..., (xm/ym) $\hat{P}(y) = \frac{m}{m} \xi \left\{ (y_i = y) \right\}$ $\hat{Z} = \lim_{X_i \to X_j} (x_i - \mu_y)^{\top}$ $\lim_{X_i \to X_j} (x_i - \mu_y) (x_i - \mu_y)^{\top}$ $\lim_{X_i \to X_j} (x_i - \mu_y) (x_i - \mu_y)^{\top}$



