1. 战性因归,一则归俗

度为
$$f(2i) = Nx+b$$
 使得 $f(xi) \simeq yi$ 用物方族差載小比者求い本も
$$\frac{2F(w,b)}{\partial w} = 2\left(u \ge x_i^2 - \frac{2}{2}(y_i - b)x_i\right)$$

$$\frac{2F(w,b)}{\partial b} = 2\left(u \ge x_i^2 - \frac{2}{2}(y_i - b)x_i\right)$$

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2. logistic regression

优美: 无器假设数据分布 可得到预测概率 signoid >任意所可导

3. Linear Discriminant Analysis LDA 线性判别分析 →监督降推政术 将样的投影的直线上使同类样的投影与尽可能移近

Sb = (po-p1) (po-p1)

 $= \frac{\mathcal{W}^{T}(\mu_{0} - \mu_{1}) \mathcal{W}}{\mathcal{W}^{T}(\hat{Z}_{0} + \hat{Z}_{1}) \mathcal{W}}$ = ntsbn = LDA或水化目标

> min - NTSON 5.t. 25 Swn=1

>> Sow= NSwN= X (Mo-M) N=56 (Mo-m)

多分类学习 { DVD N(N-1) /2 两两触对 OVR) MM MM