Logistic Regression With Regularization Pagameters

$$J(o_{0,0}) = \begin{cases} -\log (ho(n)) & \text{if } y=1 \\ -\log (1-ho(n)) & \text{if } y=0 \end{cases}$$

Reduce Overfitting

$$J(\theta_0,\theta_1) = -y \log (h_0(x)) - (1-y) \log (1-h_0(x)) + d_2 Regularization$$

$$J(\theta_0, \theta_1) = -y \log (h_0(x)) - (1-y) \log (1-h_0(x)) + L_1 Requestranting feature selection.$$

$$T(\theta_0, \theta_1) = -y \log (h_0(x)) - (1-y) \log (1-h_0(x)) + 1, \sum_{i=1}^{n} (Slope)^2 + 1/2 \sum_{i=1}^{n} |Slope)$$