Classic Linear Regression

$$\chi \rightarrow dinear \rightarrow \hat{\gamma}$$

loss: MSE to \$ (\$\sqrt{n} - \sqrt{n} =

Logistic Regression

$$5(2) = \frac{1}{1+e^{-2}}$$

Binary Prediction

loss: Cross Entropy

$$-\frac{1}{N}\sum_{n=1}^{N} y_n \log \hat{y}_n + (1-y_n) \log (1-\hat{y}_n)$$