$$A, Y$$
 $f: A \rightarrow Y$
 $X \subset A$ $\{(x_i, y_i) \in X \times Y\}$

$$\begin{array}{c} (y) \times (\mathbb{R}) \\ (y) \times (\mathbb{R}) \\ (y) \times (\mathbb{R}) \end{array}$$

$$\hat{t} = \hat{f}(X, \theta)$$
 - model.

argmin $L(\hat{t}_i \theta, t_i)$

 $-((x, \theta) - \Theta_0 \times + \Theta_1)$ 1) Evain/Val/test 5P11+ 2) loss fanction; MSE=11tio-till2. MAE = 11 fin - + 1/1 3). [- min I) O. ~ N(0,1). III) test

 $f(x, b) = o(o^{T}x)$