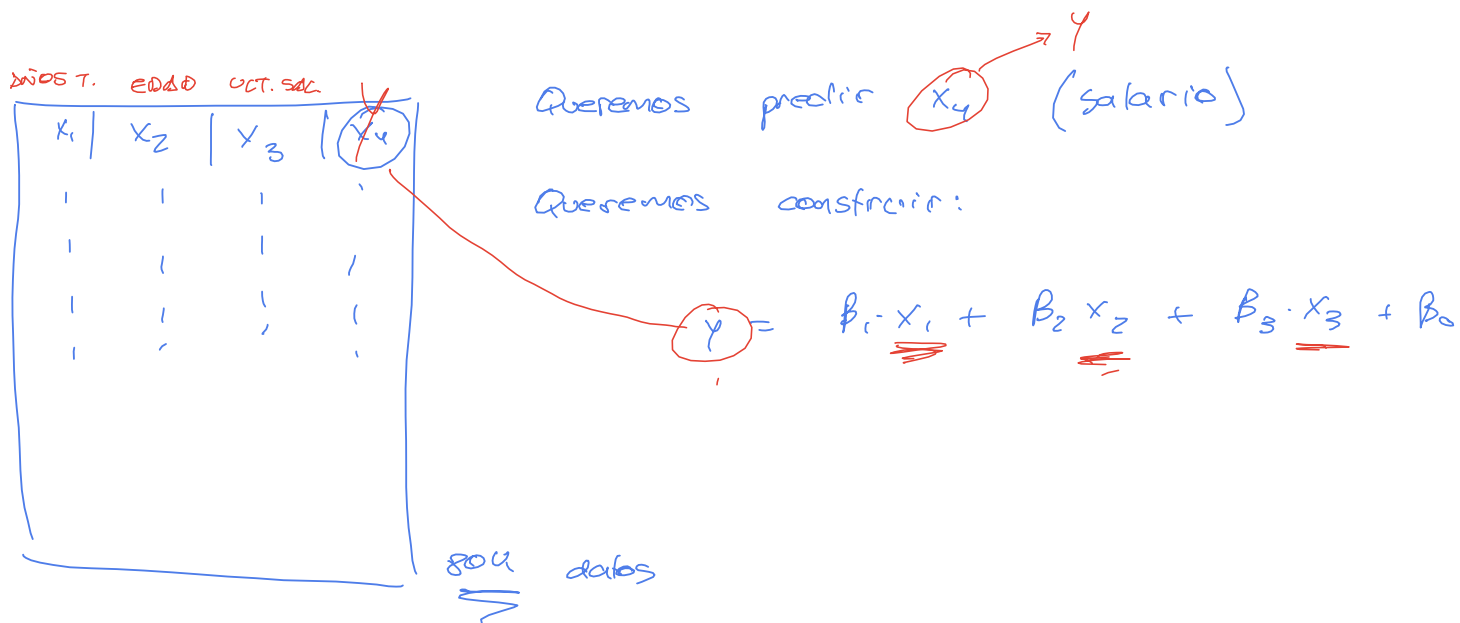
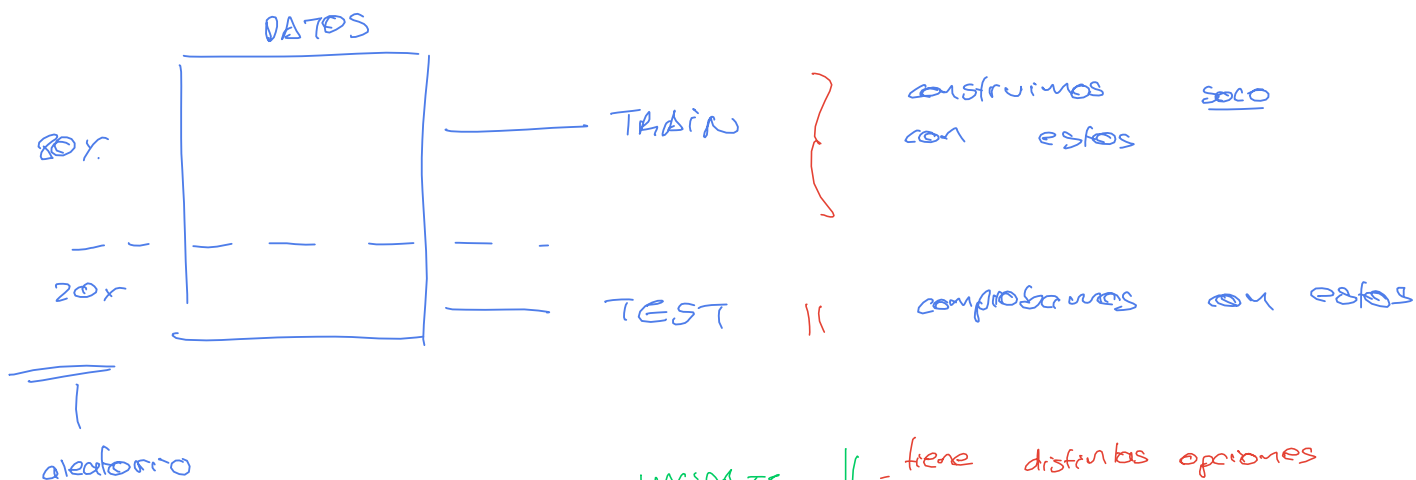


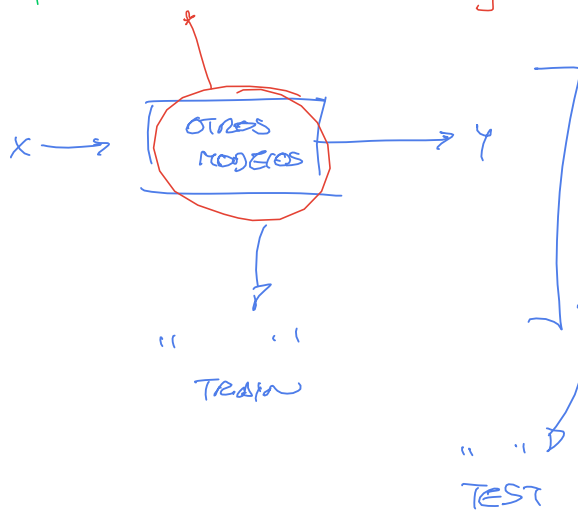
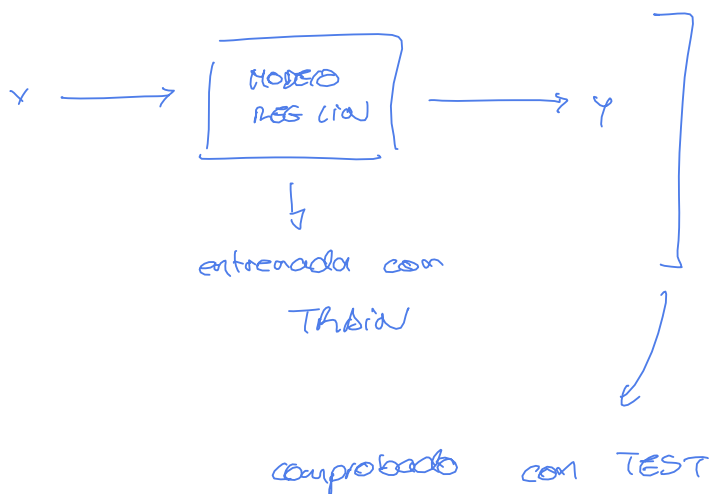
# TRAIN - TEST

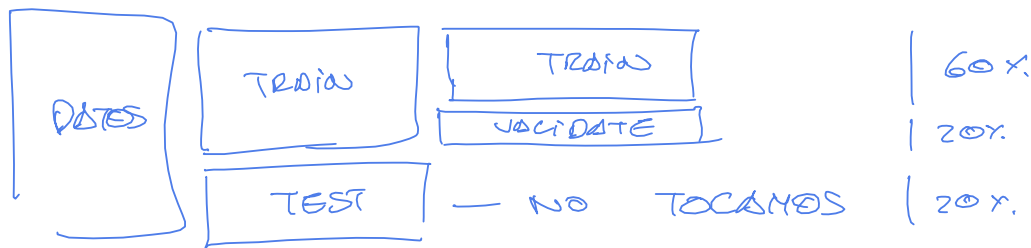


No tengo manera de probarlo si lo construyo con 80%.



VALIDATE || tiene distintas opciones  
 $[k=1 \quad k=2 \quad k=3]$  - Hyperparámetros

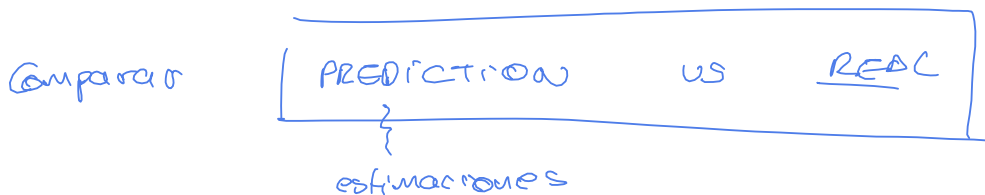




Validación nos ayuda a tomar decisiones sobre TRAIN

## FUNCIONES ERROR

Medir si un modelo es bueno o no

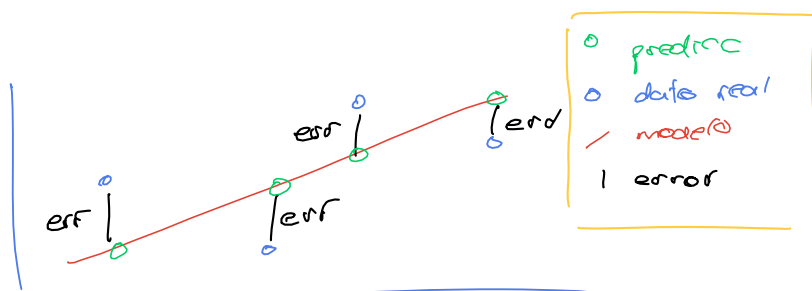


poco utiliz.  $ME = \text{mean}(\text{real} - \text{pred.})$  // prob. outliers, Reglin = 0

muy ut.  $RMSE = \sqrt{\frac{1}{n} \sum (\text{real} - \text{pred})^2}$  afronta errores del ME

$$MAPE = 100 \times \frac{1}{n} \sum \frac{| \text{real} - \text{pred} |}{\text{real}}$$

$MSE = \frac{1}{n} \sum | \text{real} - \text{predicted} |$  → menos sensible a outliers que RMSE



# REG LOGISTICO

$$\textcircled{P} = B_0 + B_1 X_1 + B_2 X_2$$

↘ probabilidad de ser clase "1"

$P \geq 0.5 \rightarrow$  dato/registro es de clase "1"

