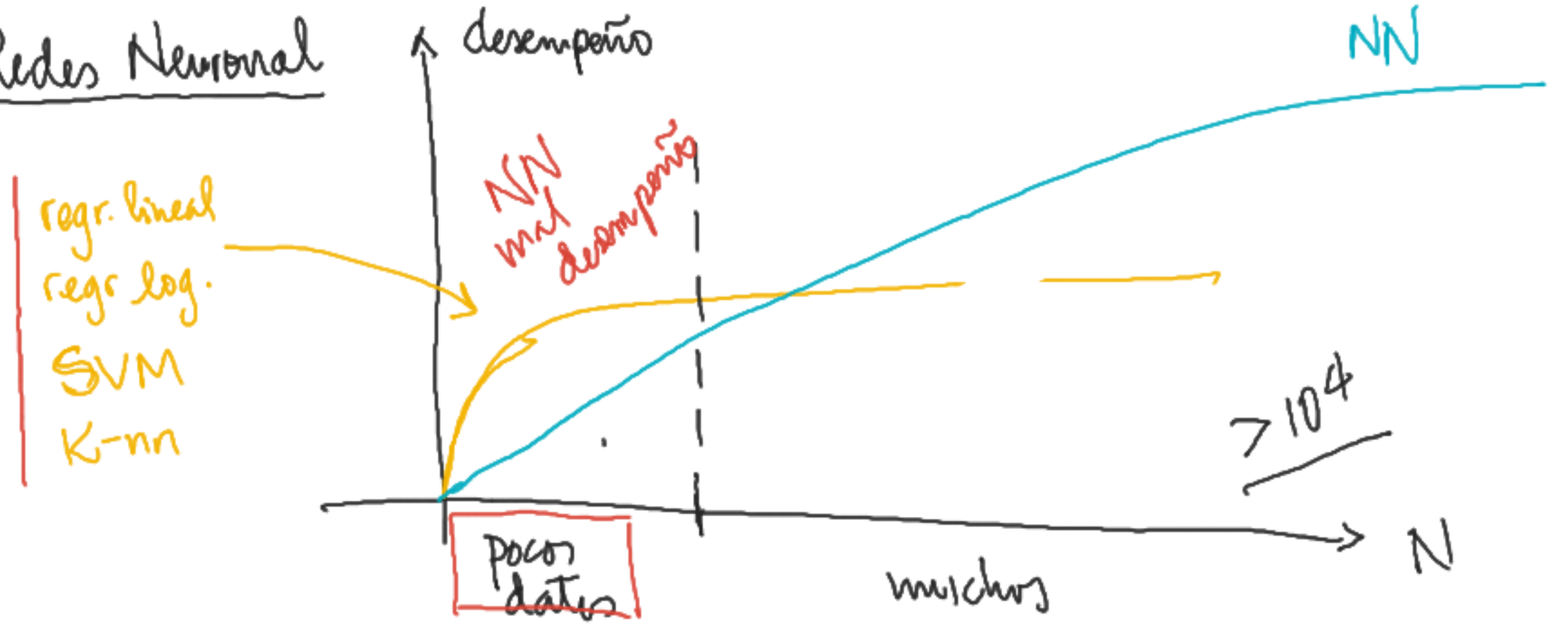
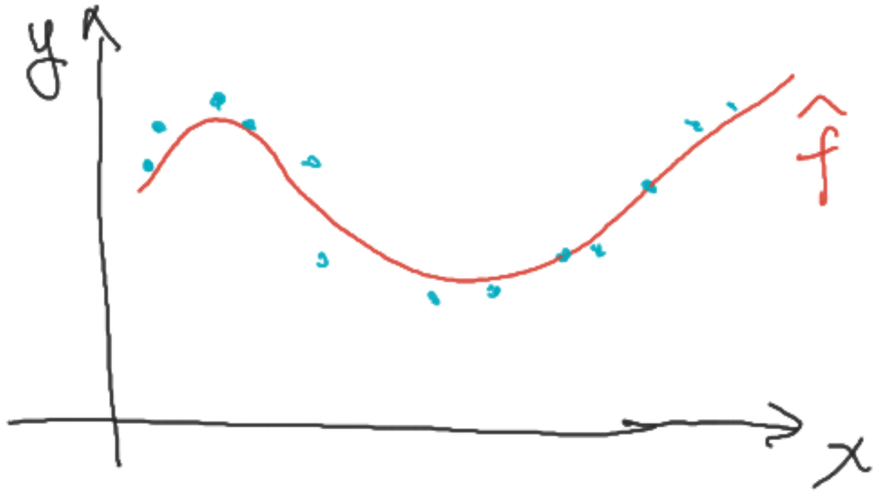
Redes Neuronal



Ejemplo 2:



$\{(x_i, y_i)\}_{i=1}^{n}$

$X \quad Y$

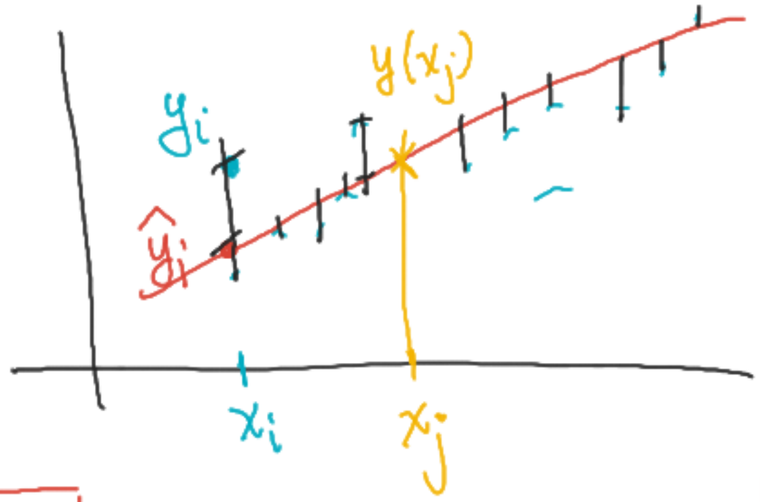
$Y = f(X)$

e.g. reg. lineal

$f(X) = a_0 + a_1 X + \varepsilon$ ← ruido

(x_i, y_i)

training set



$$L = \sum_{i=1}^{n} (y_i - \hat{y}_i)^2$$

SSE

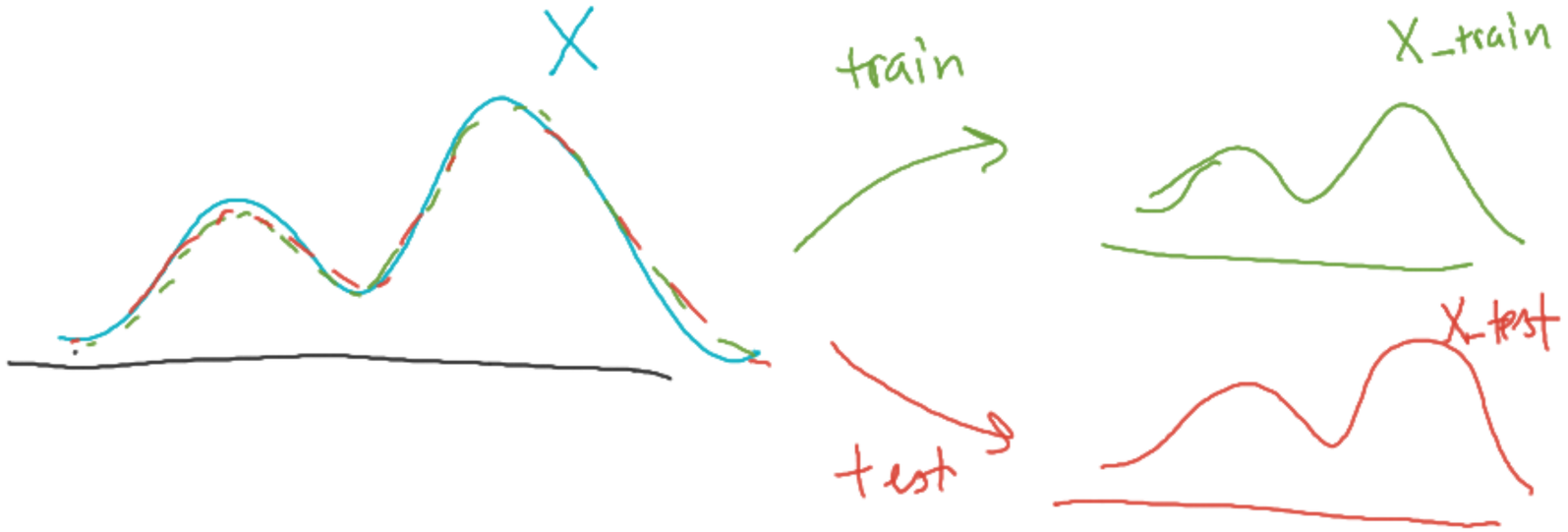
loss función

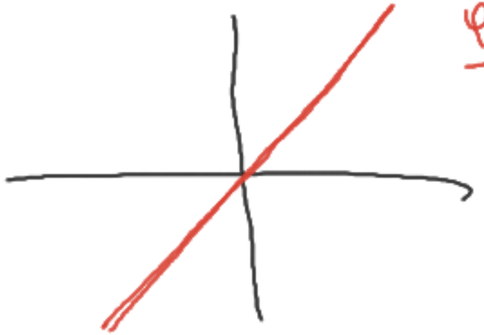
$$L = \frac{1}{n} \sum_{i=1}^{n} (y_i - \hat{y}_i)$$

MSE

NN

$x \rightarrow \boxed{\hat{f}} \rightarrow y = \hat{f}(x)$.





activation = None

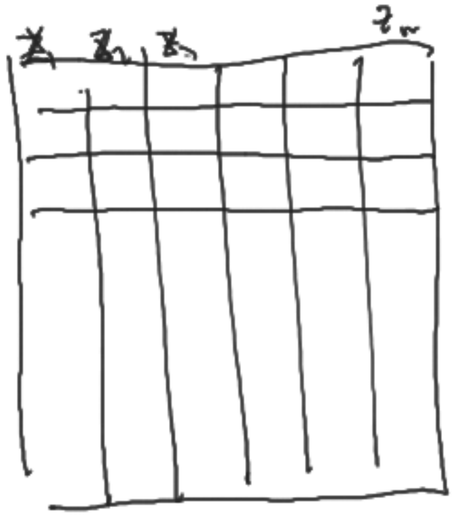
mean squared error — MSE

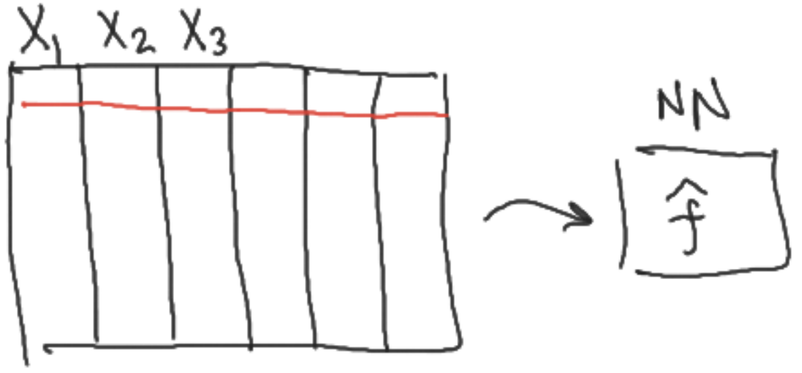
$$L = \frac{1}{n}\sum_{i=1}^{n}(y_i - \hat{y}_i)^2$$

mean absolute error — MAE

$$L = \frac{1}{n}\sum_{i=1}^{n}|y_i - \hat{y}_i|$$

} para regresión





features

características

ingeniería de features

Snake