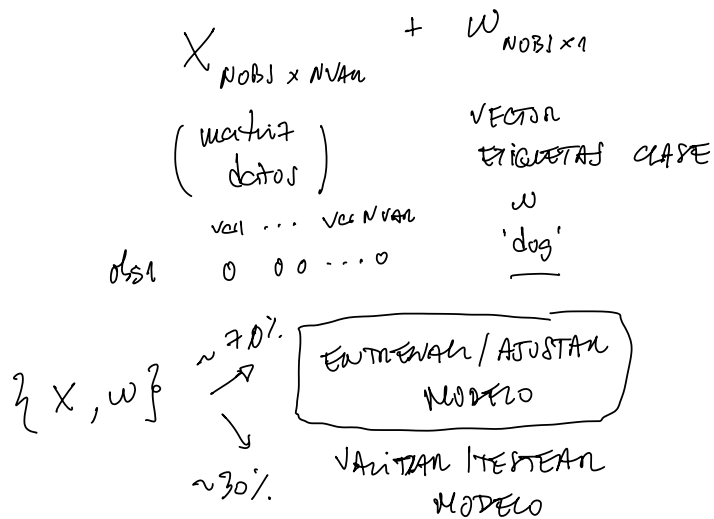
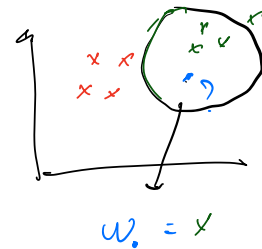


Algoritmos | CLASIFICACIÓN | SUPERVISADA



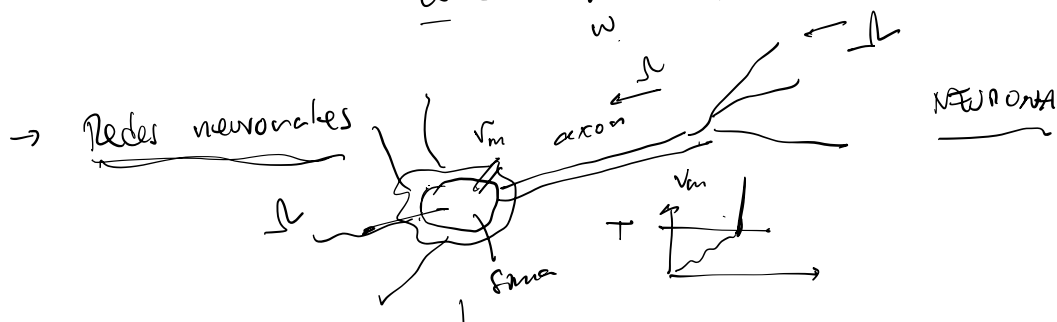
→ k-NN: primeros vecinos → distancias
 d_{ij} : distancias a pares entre obs.

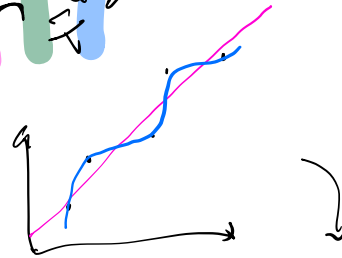
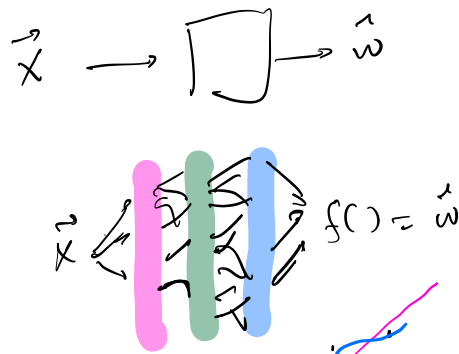
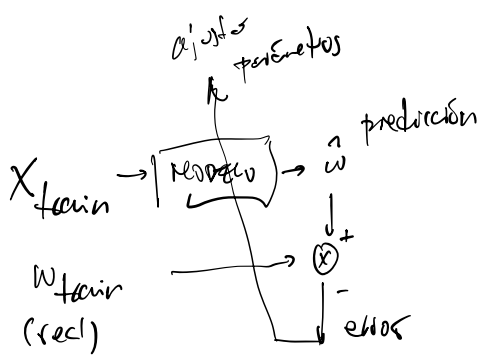
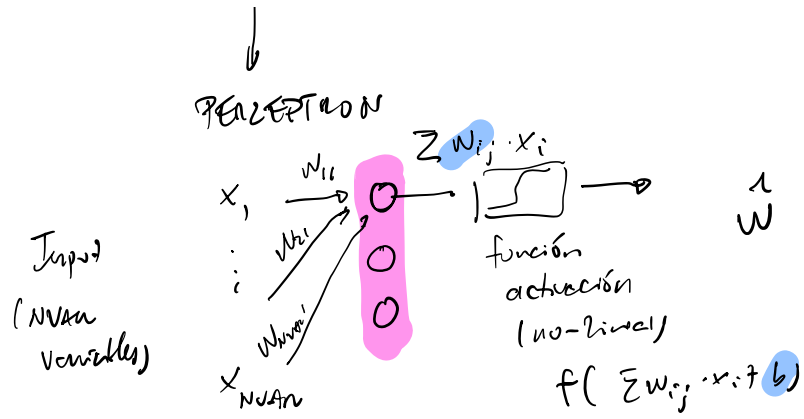


→ técnicas de análisis de discriminantes
 ↳ Probabilísticos

$p(w | \vec{x})$
 ↓
 etiqueta clase

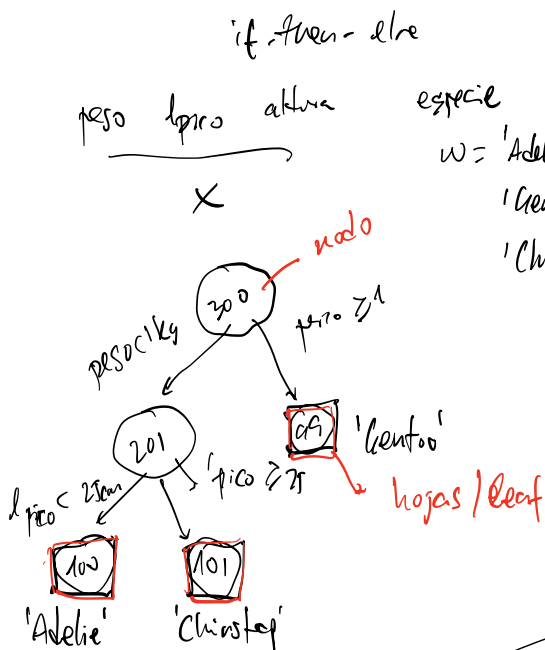
$$\hat{w} = \arg \max_w p(w | \vec{x})$$





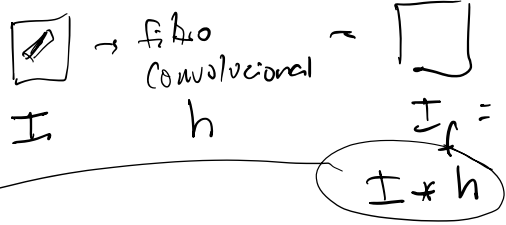
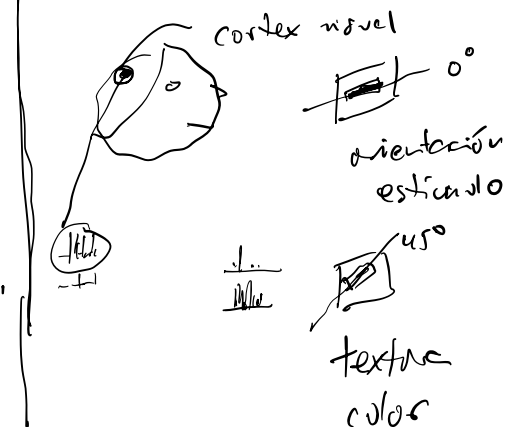
ALGORITMO BACKPROPAGATION

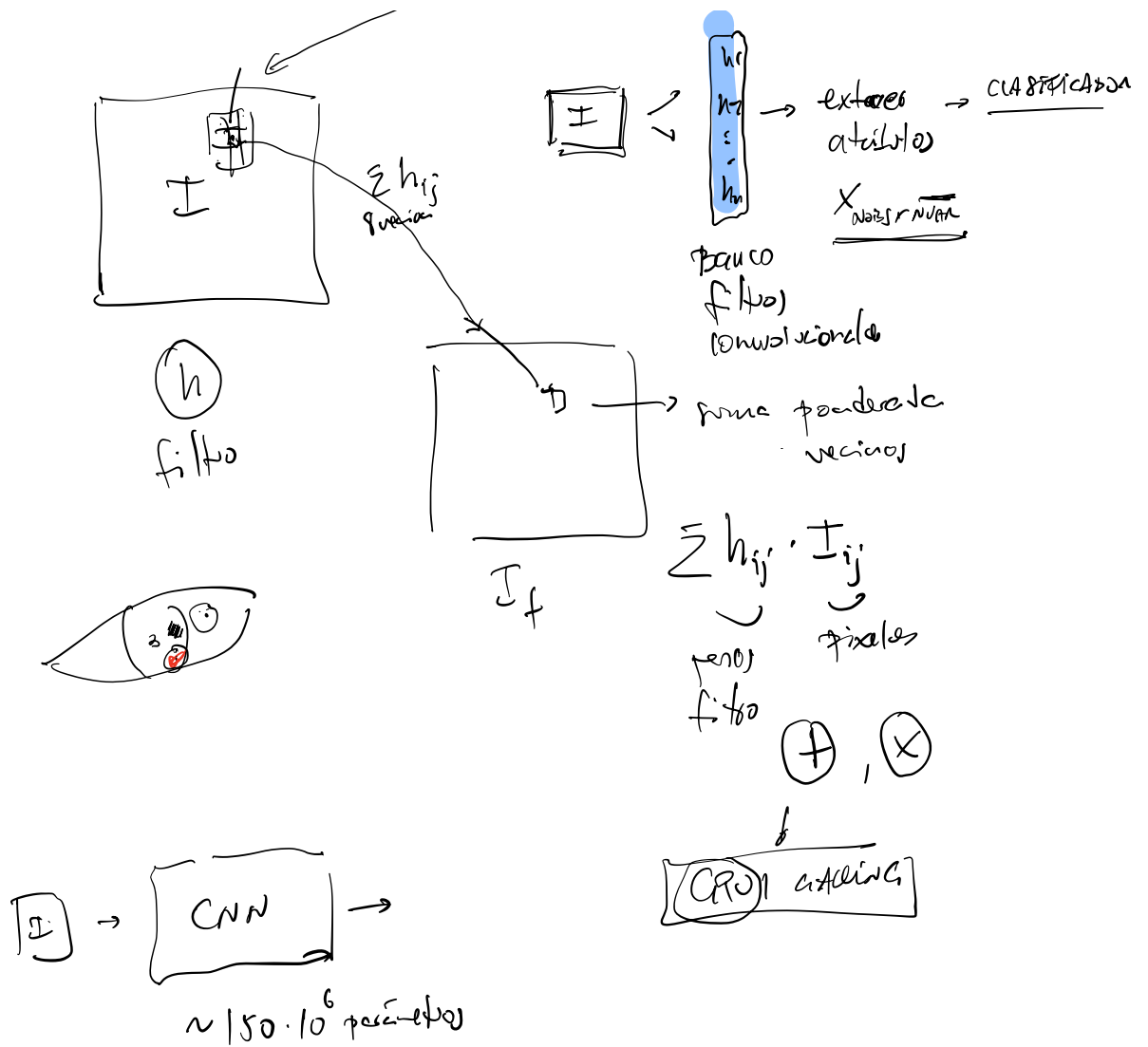
→ Árboles de decisión



DEEP LEARNING

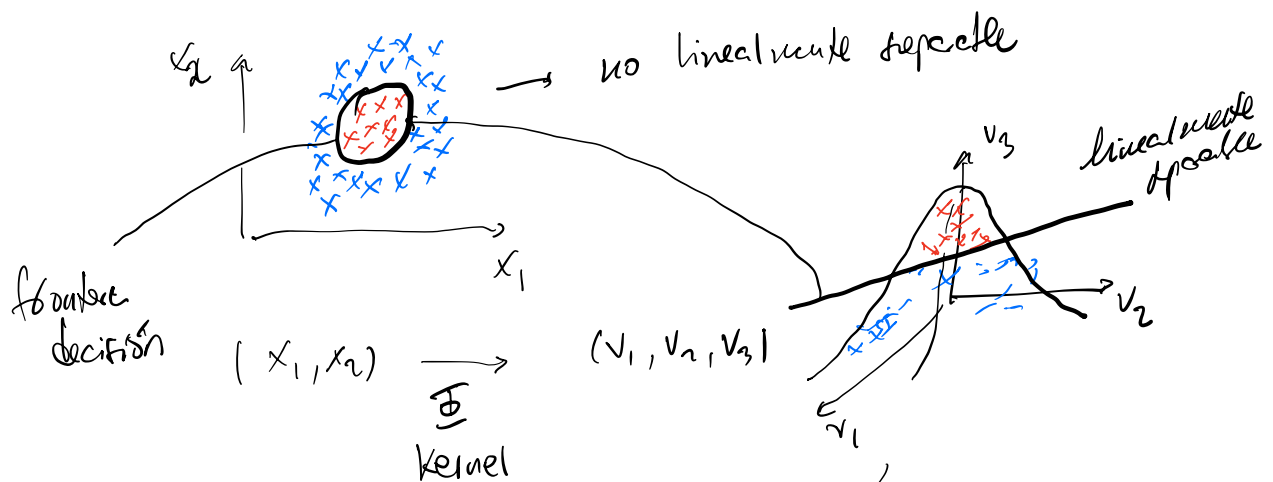
→ imágenes





→ MÁQUINAS DE PONTE VECTORIAIS (SVM)

Kernel methods → 'kernel trick'



CLASIFICACION $\vec{X} \rightarrow \text{MODELO} \rightarrow \vec{y}$ discrete

REGRESION $\vec{X} \rightarrow \text{MODELO} \rightarrow y$ continua