k_t c_t

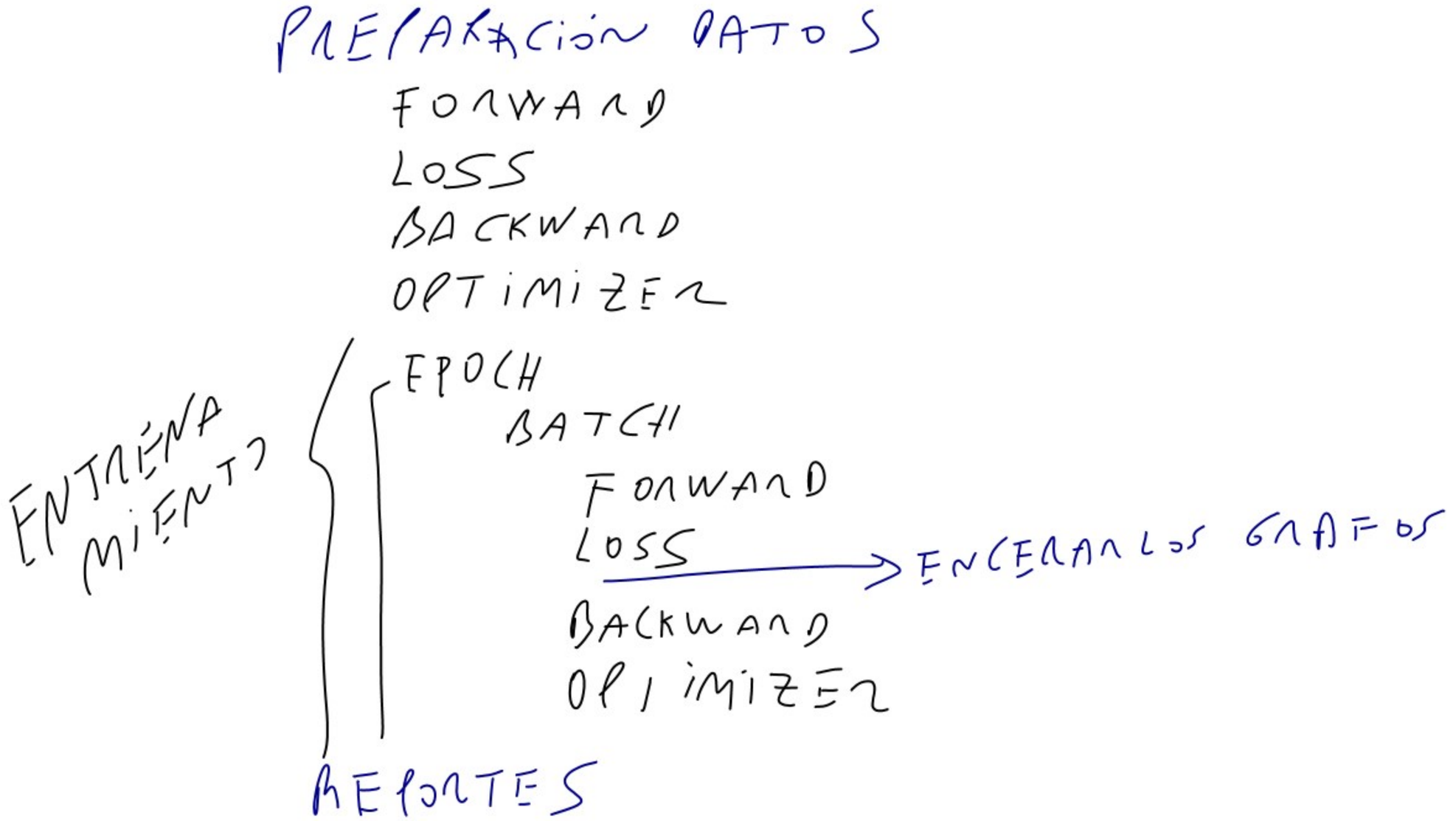
$f(k_t \theta_t)\varepsilon_t$ ε_t n.a.i.i.d.

$I_t = f(k_t)\varepsilon_t - c_t$

$k_{t+1} = k_t + I_t$

n.a

$$\text{MAX}\, E\left(\sum_{t=0}^{\infty} \delta^t u(c_t)\right)$$


PREPARACIÓN DATOS
FORWARD
LOSS
BACKWARD
OPTIMIZER
ENTRENAMIENTO
EPOCH
BATCH
FORWARD
LOSS
ENCERRAR LOS GRAFOS
BACKWARD
OPTIMIZER
REPORTES

$$\delta_1^1 = \delta_1^2 \cdot w_{11}^2 \, th'(z_1^1) + \delta_2^2 w_{12}^2 \, th'(z_1^1)$$

$$\nabla_w \mathcal{L} = \begin{pmatrix} \frac{\partial \mathcal{L}}{\partial w_{11}^1} \\ \frac{\partial \mathcal{L}}{\partial w_{21}^1} \\ \vdots \\ \frac{\partial \mathcal{L}}{\partial w_{22}^2} \end{pmatrix}$$

$$\frac{\partial \mathcal{L}}{\partial w_{22}^2} = \frac{\partial \mathcal{L}}{\partial z_2^2} \cdot \frac{\partial z_2^2}{\partial w_{22}^2} = \delta_2^2 \cdot a_2^1$$

$$z_2^2 = w_{12}^2 a_1^1 + w_{22}^2 a_2^1$$

$$\frac{\partial z_2^2}{\partial w_{22}^2} = a_2^1$$