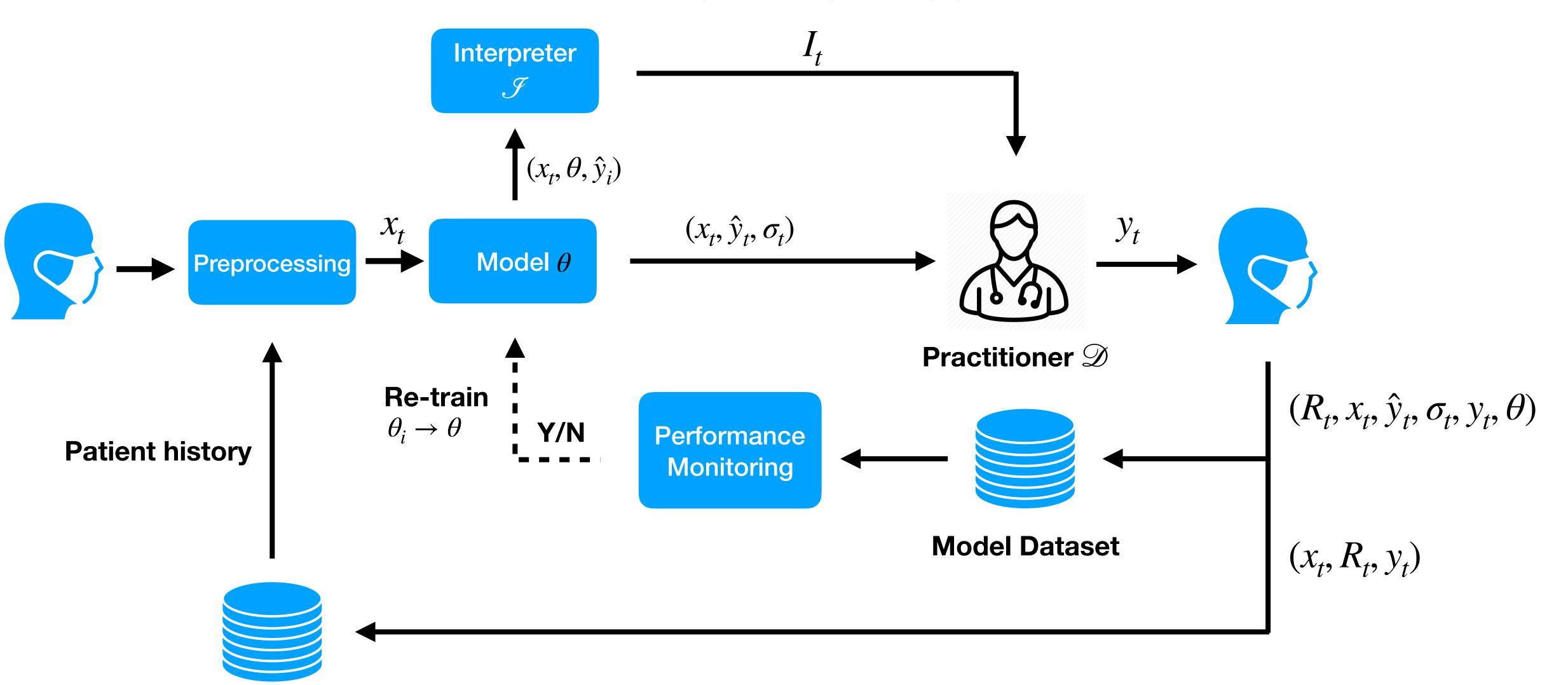
Learning Machine - Flowchart

Notations

- $F_{1,T}(\Theta_{1,T})$ Model with parameters (weights) $\Theta_{1,T}$ trained using data from $1 \le t \le T$.
- i An instant of time t = i > T
- $x_{1...i}$ Patient's health record up to and at time t=i
- $\hat{y}_i, \sigma_i = F_{1,T}(x_{1...i}, \Theta_{1,T})$ Prediction \hat{y}_i and its associated uncertainty σ_i from model $F_{1,T}$.
- $\tilde{y}_i = \mathcal{D}(x_1, \hat{y}_i, \sigma_i, I_i)$ Practitioner \mathcal{D} 's decision.
- $I_i = \mathcal{I}(x_{1...i}, F_{1,T}, \hat{y}_i)$ Interpretation I_i from Interpreter \mathcal{I} .

Flowchart



EHR