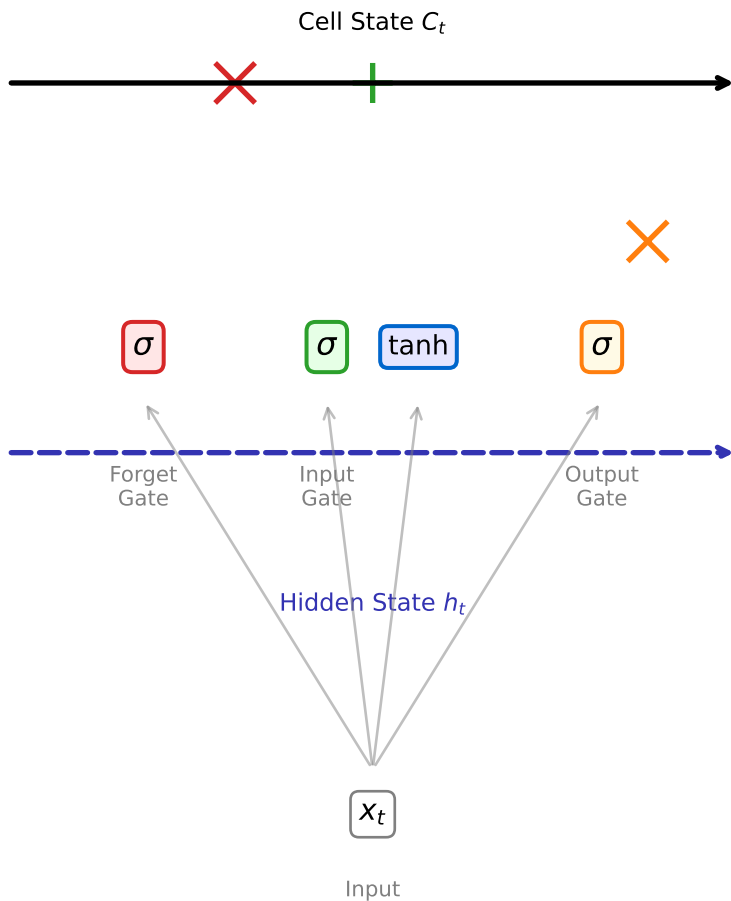
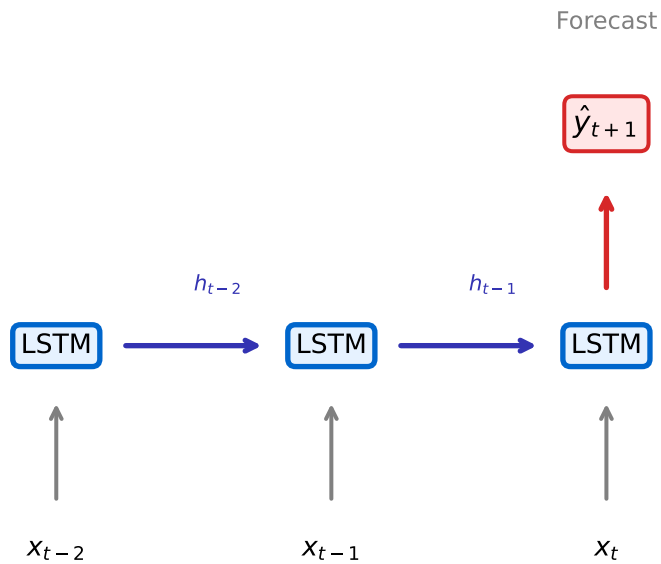


## LSTM Cell Architecture



## LSTM for Time Series Forecasting



Input: lagged values  $[x_{t-k}, \dots, x_{t-1}, x_t]$   
Output: forecast  $\hat{y}_{t+1}$