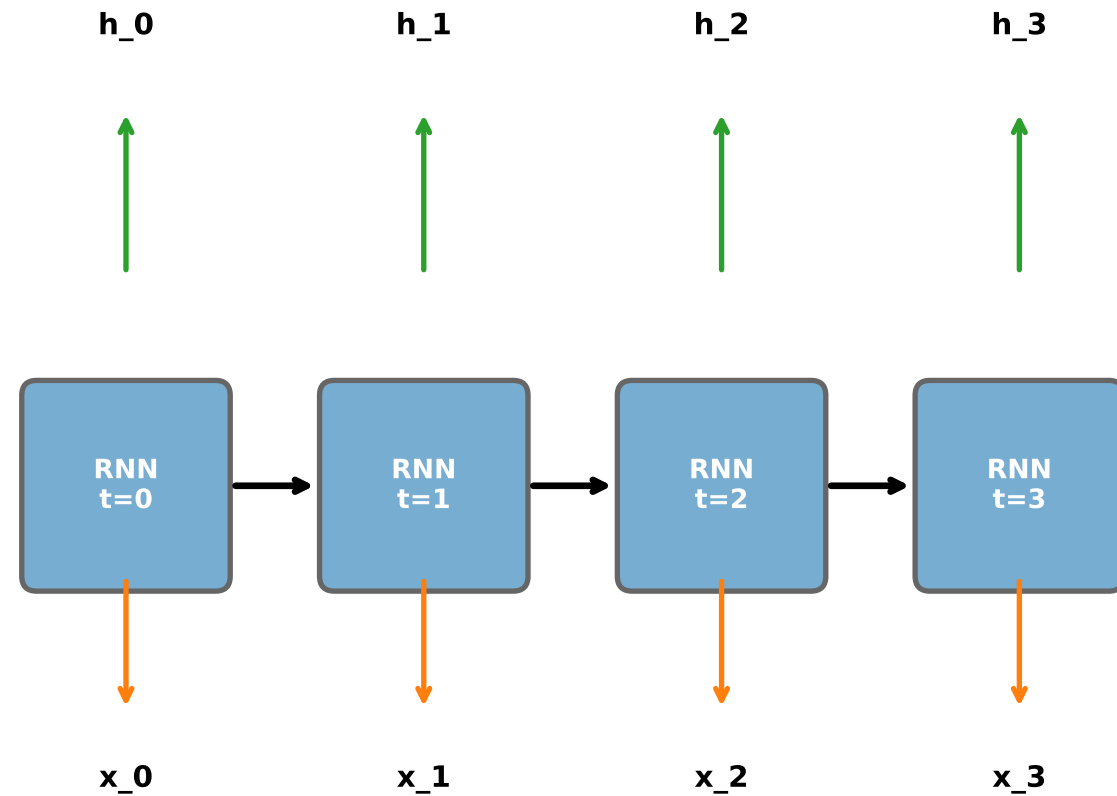


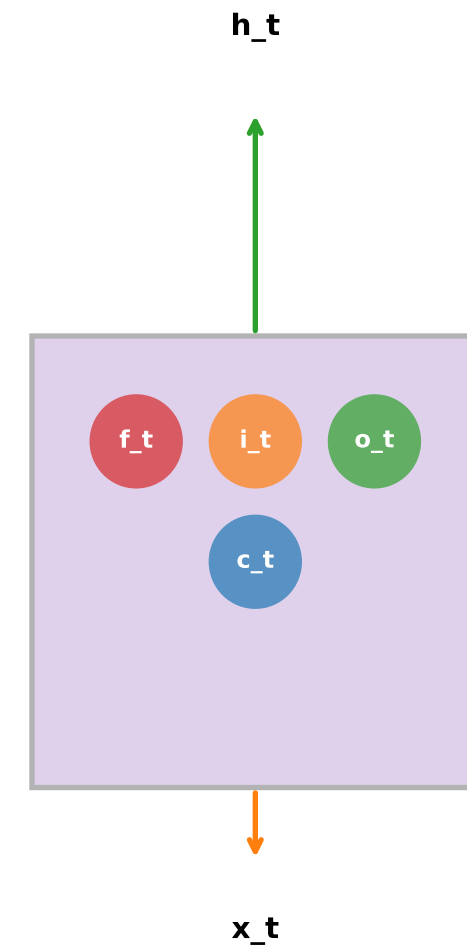
Recurrent Neural Networks

Recurrent Neural Network



$$h_t = \tanh(W_h h_{t-1} + W_x x_t + b)$$

LSTM Cell



f: forget, i: input, o: output, c: cell state