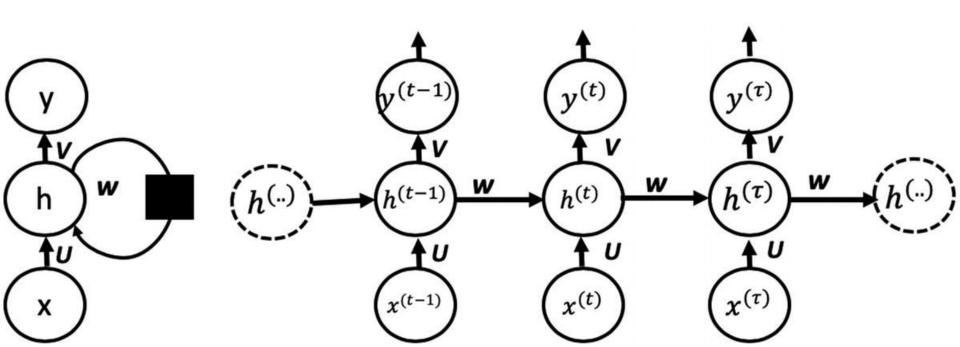
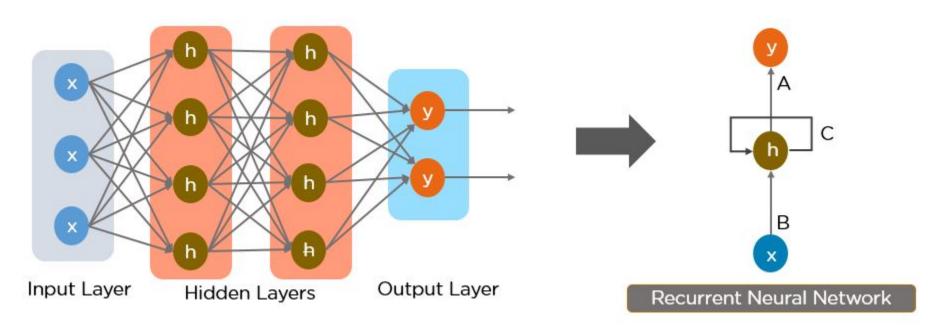
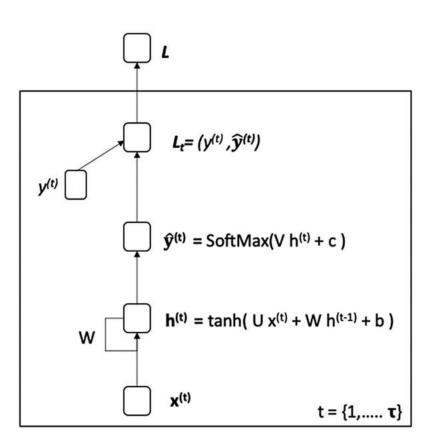
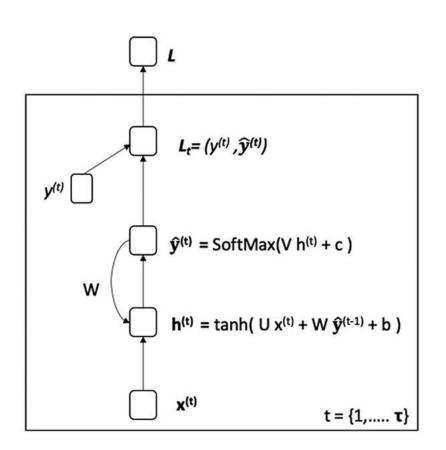
Recurrent neural networks (RNNs) are essentially neural networks that employ recurrence, which is using information from a previous forward pass over the neural network.





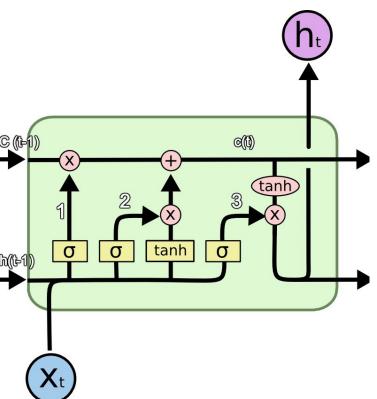
RNN -Redes Neurais Recorrentes

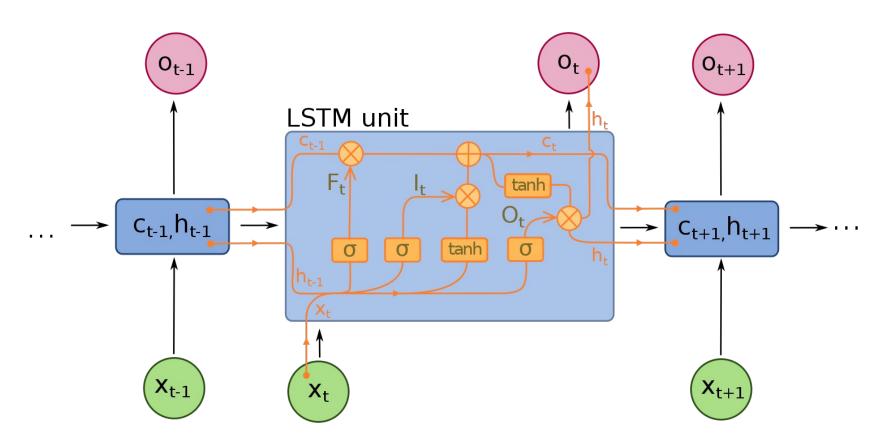


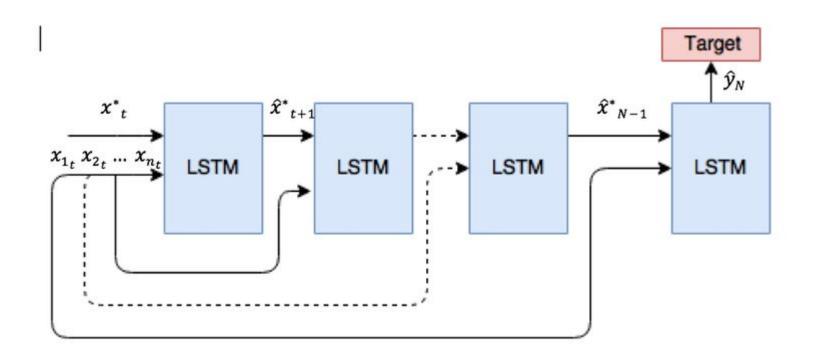


LSTM - Long-Short Term Memory

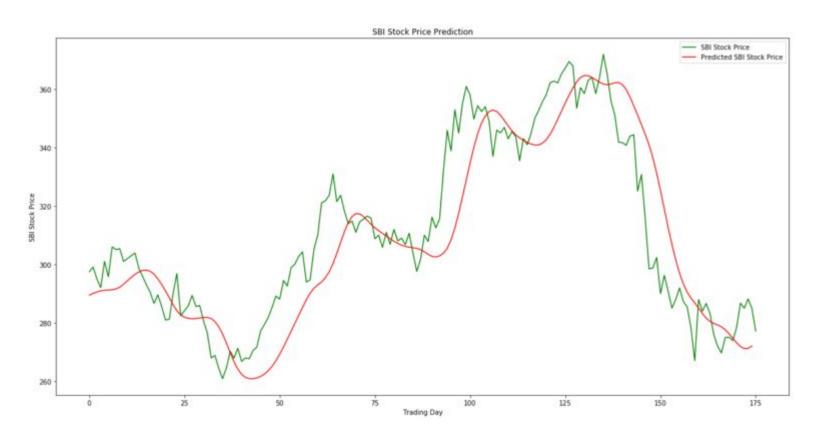
The core concepts within LSTM networks are the cell state and gate gates and the cell state include several operations, such as sigmoid multiplication and addition, and vector concatenation. These opera the network to forget or propagate important information through information throughout the network and thus help in passing long when needed.



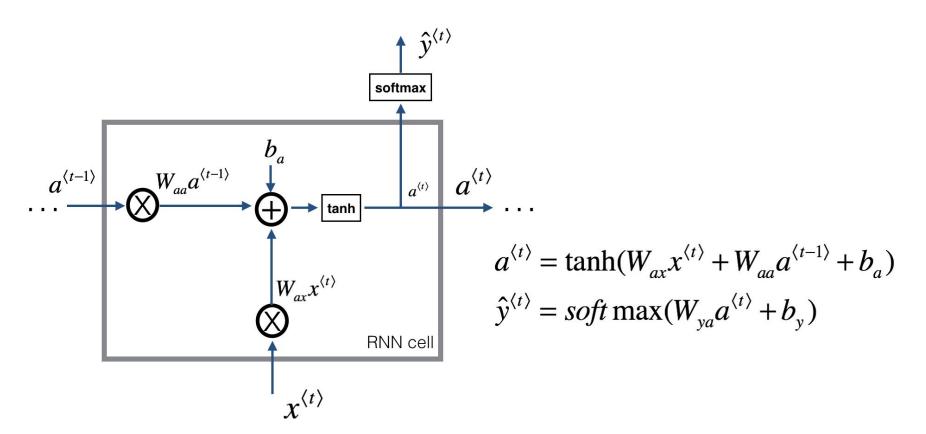




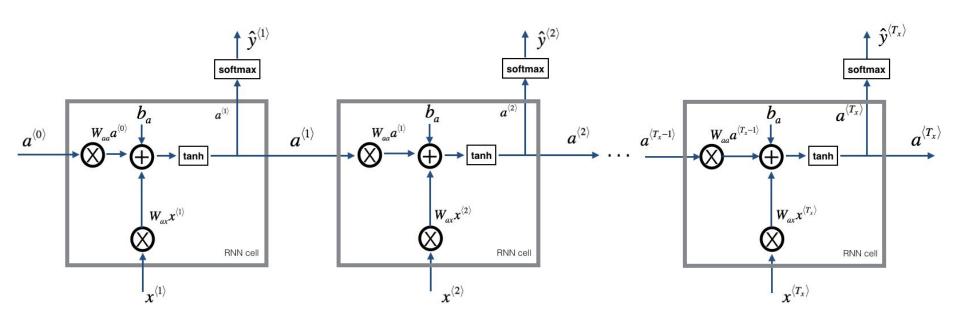
[10	20	30]	40
[20	30	40]	50
[30	40	50]	60
[40	50	60]	70
[50	60	70]	80
[60	70	80]	90

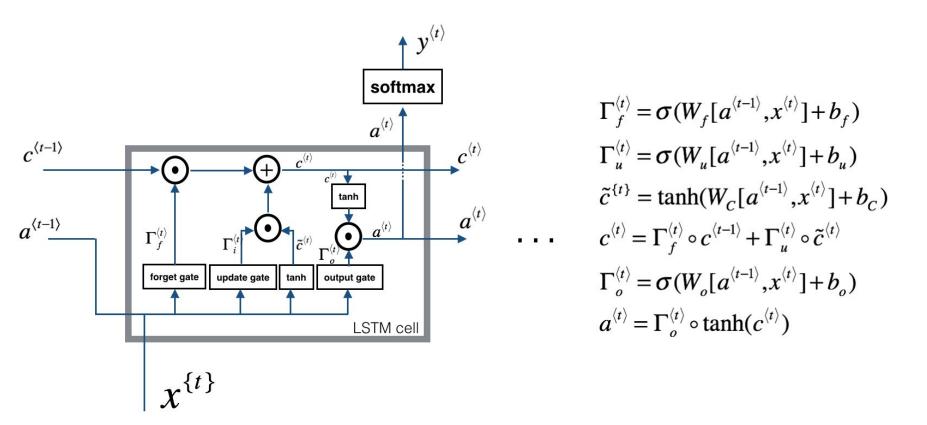


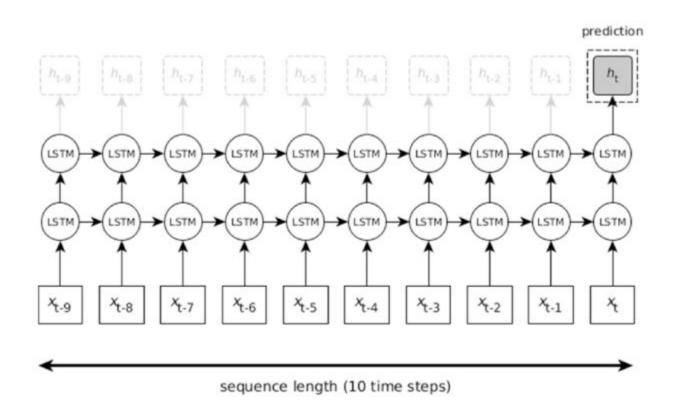
RNN



RNN







Tendência

Sazonalidade

