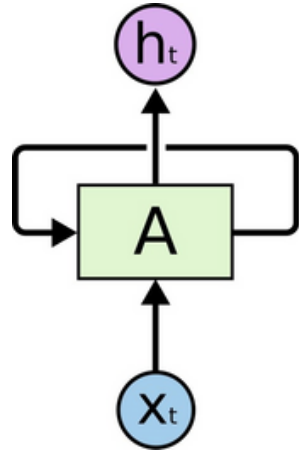
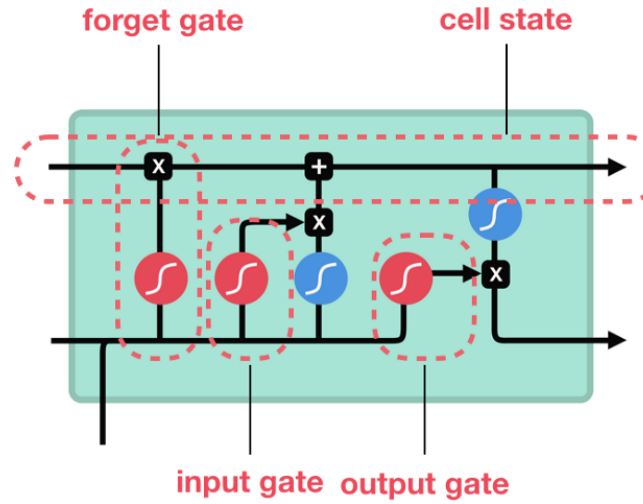


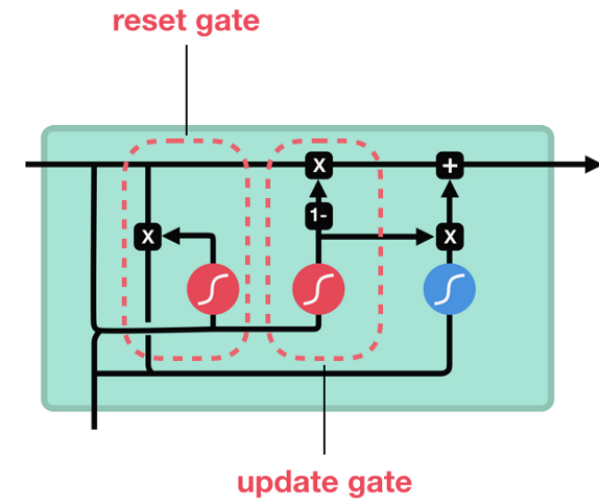
RNN



LSTM



GRU



Input features: [batch_size, timesteps, dimension]

Input shape: [timesteps, dimension]

* In case our timesteps vary, we can input the timesteps as "None", that way the RNN will be unrolled dynamically

Cons:

- Exploding/ Vanishing Gradient
- Short term memory



sigmoid



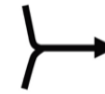
tanh



pointwise
multiplication



pointwise
addition



vector
concatenation

<https://towardsdatascience.com/illustrated-guide-to-lstms-and-gru-s-a-step-by-step-...>
towardsdatascience.com