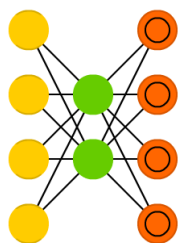
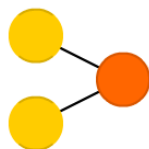


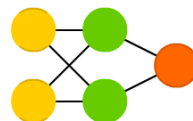
Auto Encoder (AE)



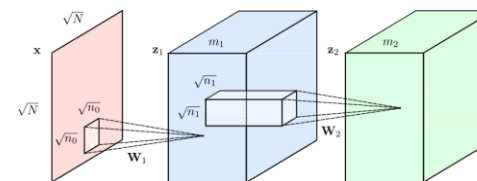
Perceptron (P)



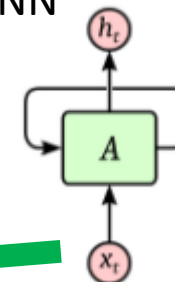
Feed Forward (FF)



CNN



RNN

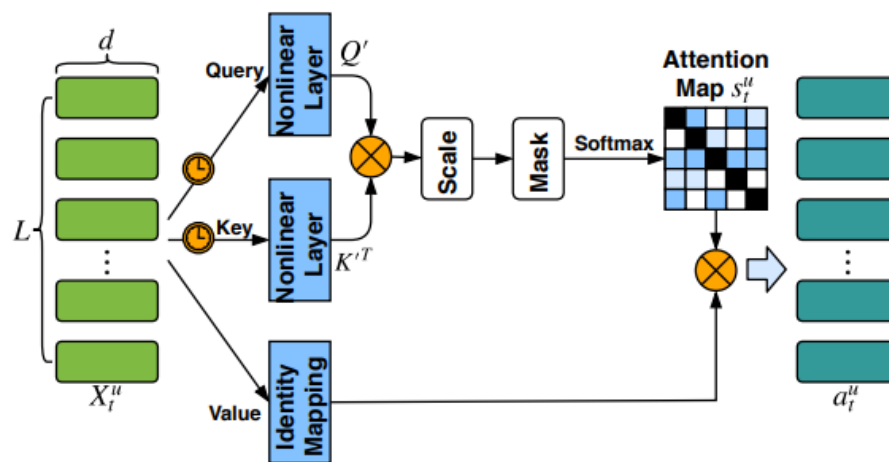


2016
GRU4Rec

2018
AttRec

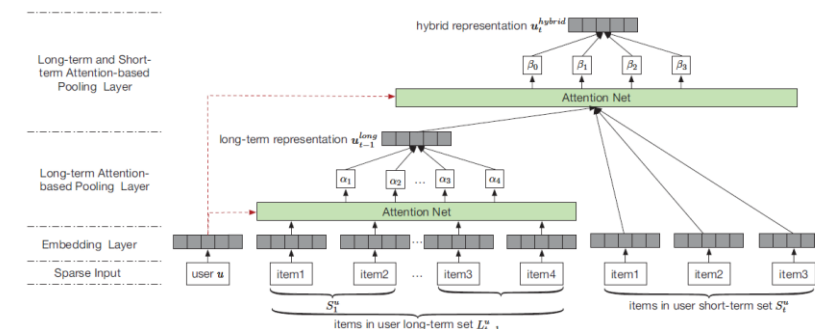
2018
SHAN

GRU Layers \rightarrow Self-Attention



self-attentive sequential
recommendation model,
Att Rec

Self-Attention \rightarrow Hierarchical
Attention Network



Sequential Hierarchical Attention
Network, SHAN

GRU based Recommendation,
GRU4Rec