



NLP: Recurrent Neural Network

Video 7: Advanced RNN Architectures

Advanced RNN Architectures

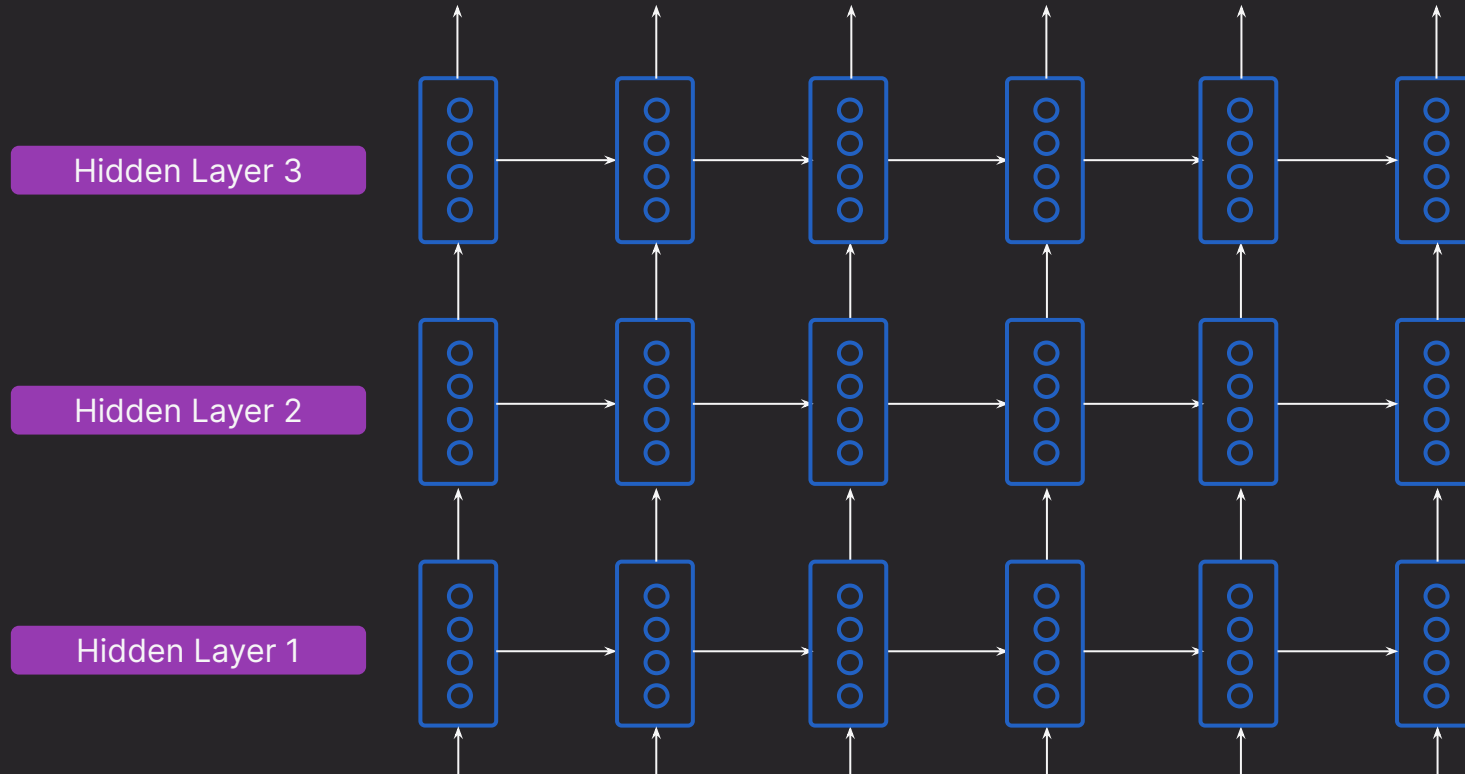
1

Multilayered RNN

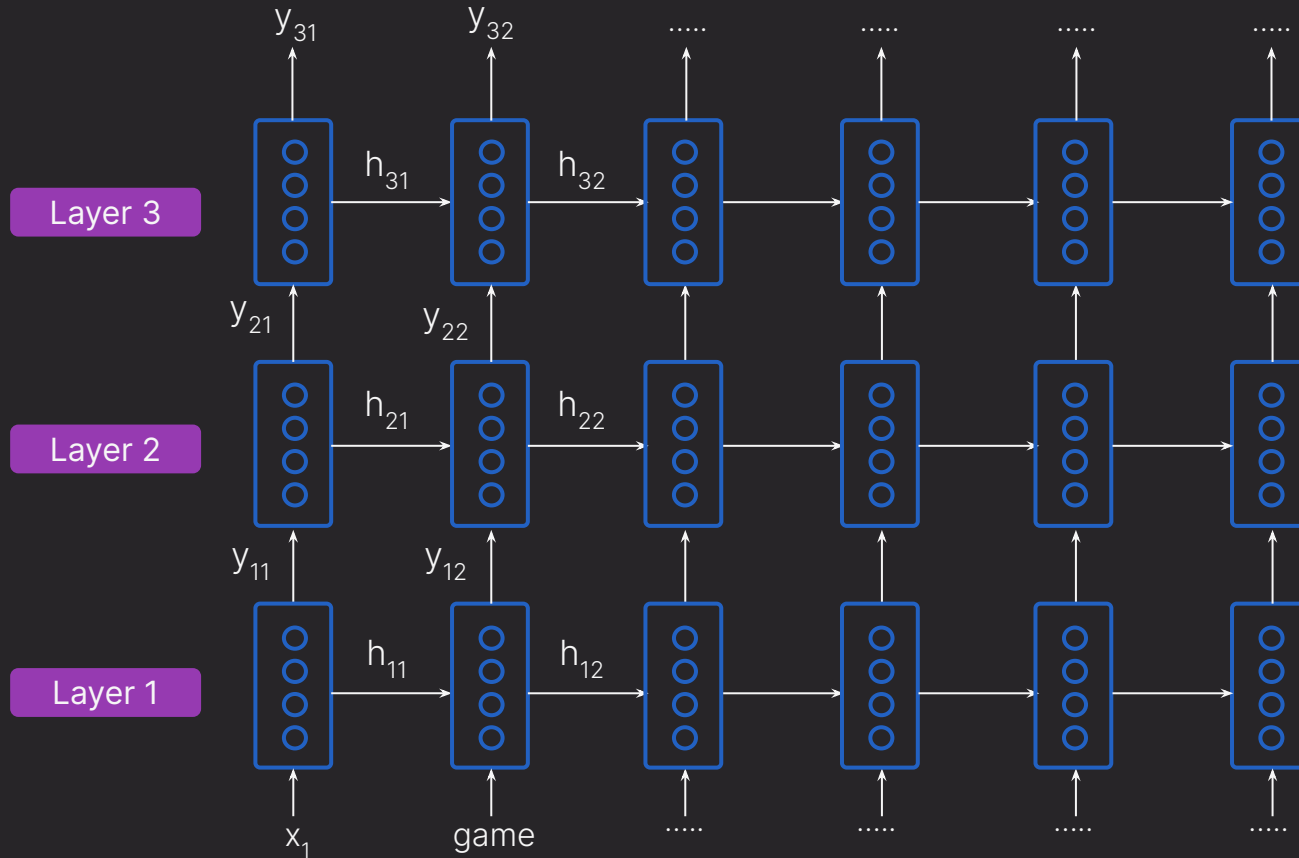
2

Bidirectional RNN

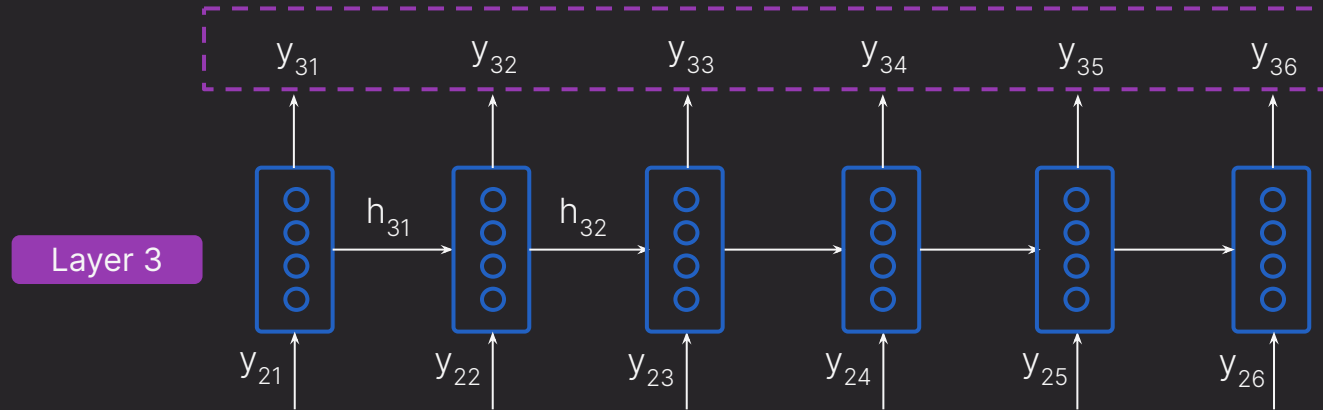
RNN With Multiple Layers



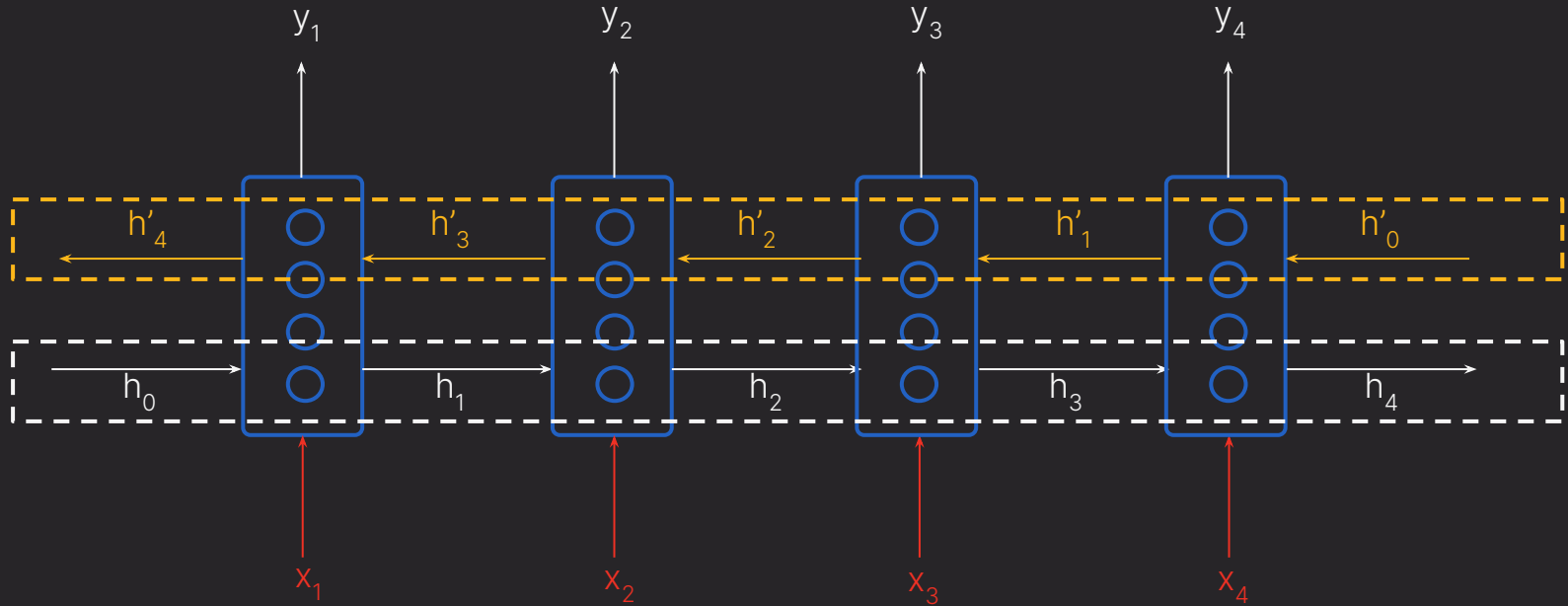
RNN With Multiple Layers



RNN With Multiple Layers



Bidirectional RNN



Unidirectional RNN

The bandage was wound around the wound



Noun

Bidirectional RNN

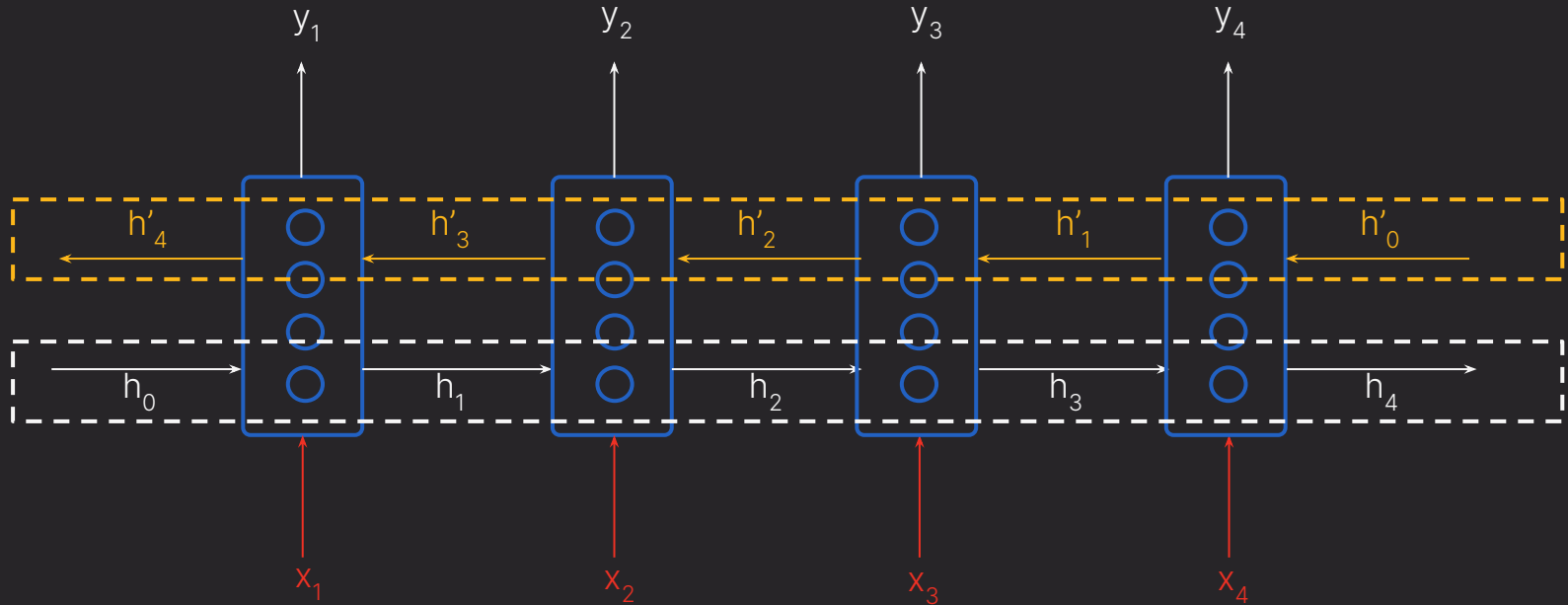
Verb

The bandage was wound around the wound

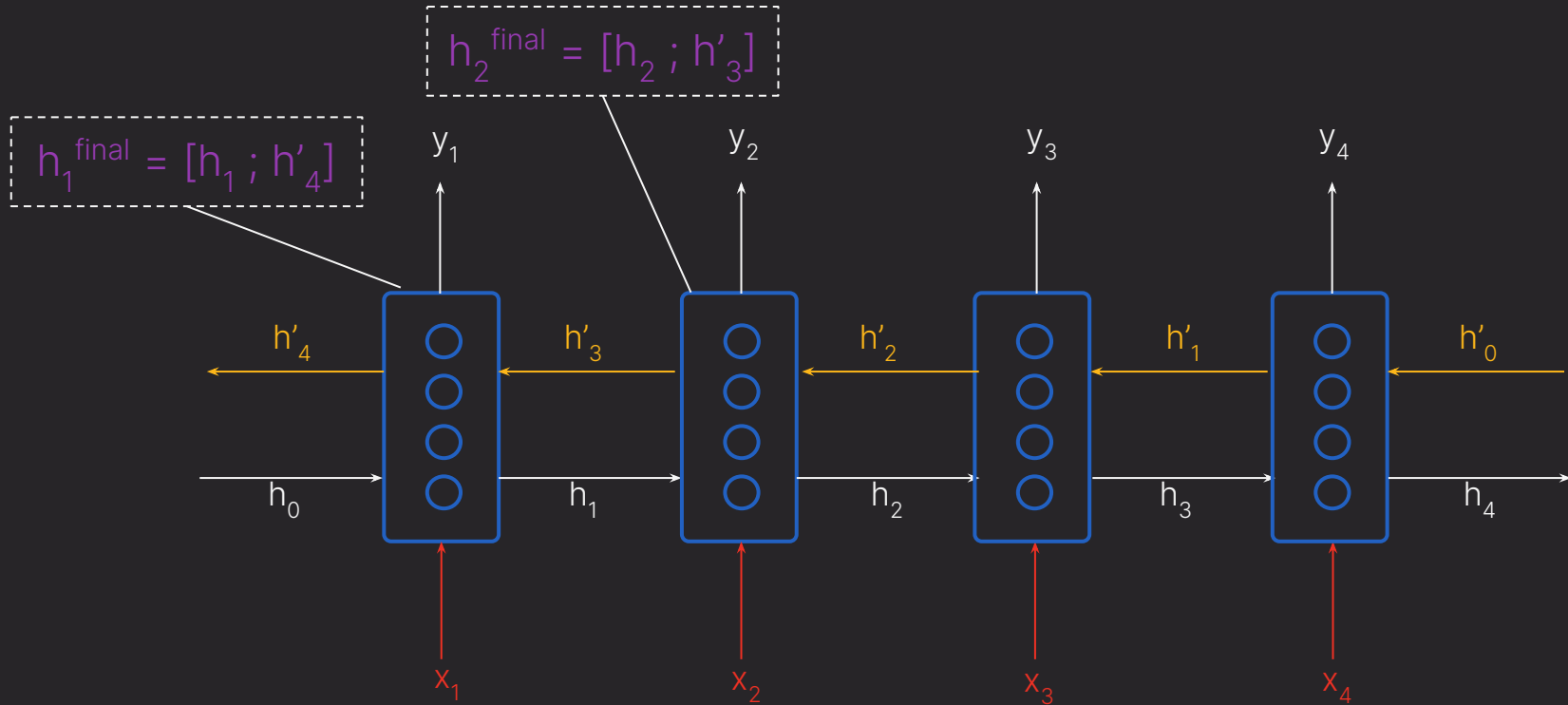
Noun

Bidirectional RNN

Concatenate the 2 hidden states obtained after forward and backward pass



Bidirectional RNN



Bidirectional RNN

