



deeplearning.ai

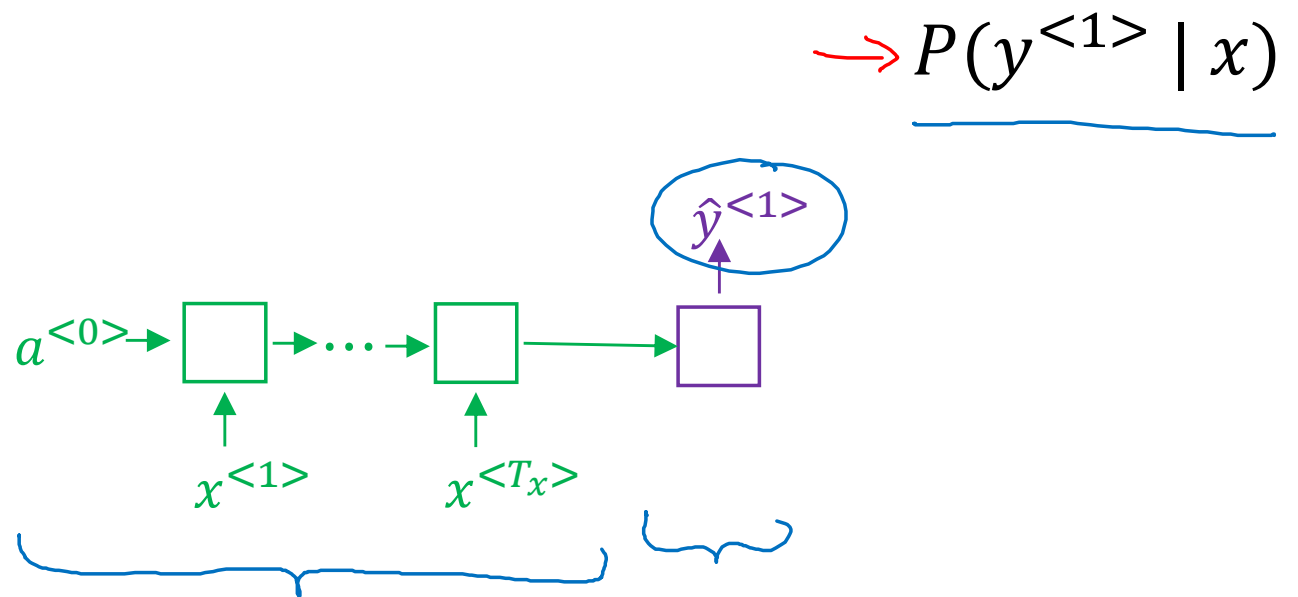
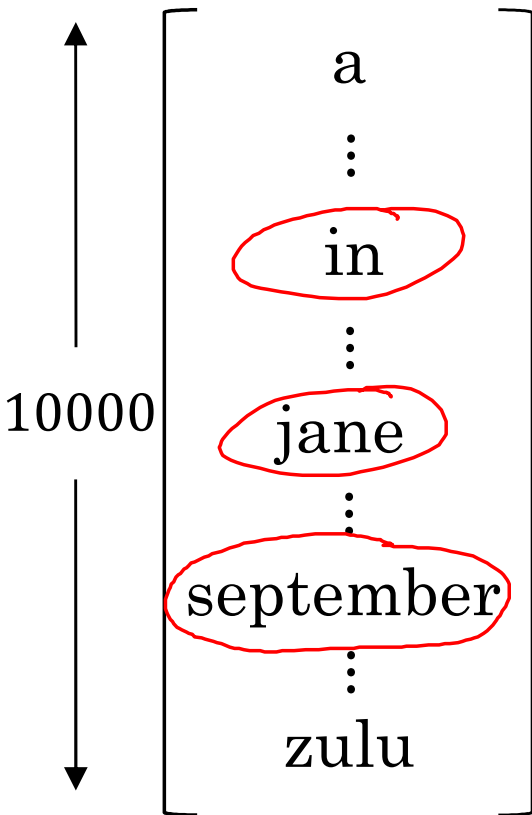
Sequence to sequence models

Beam search

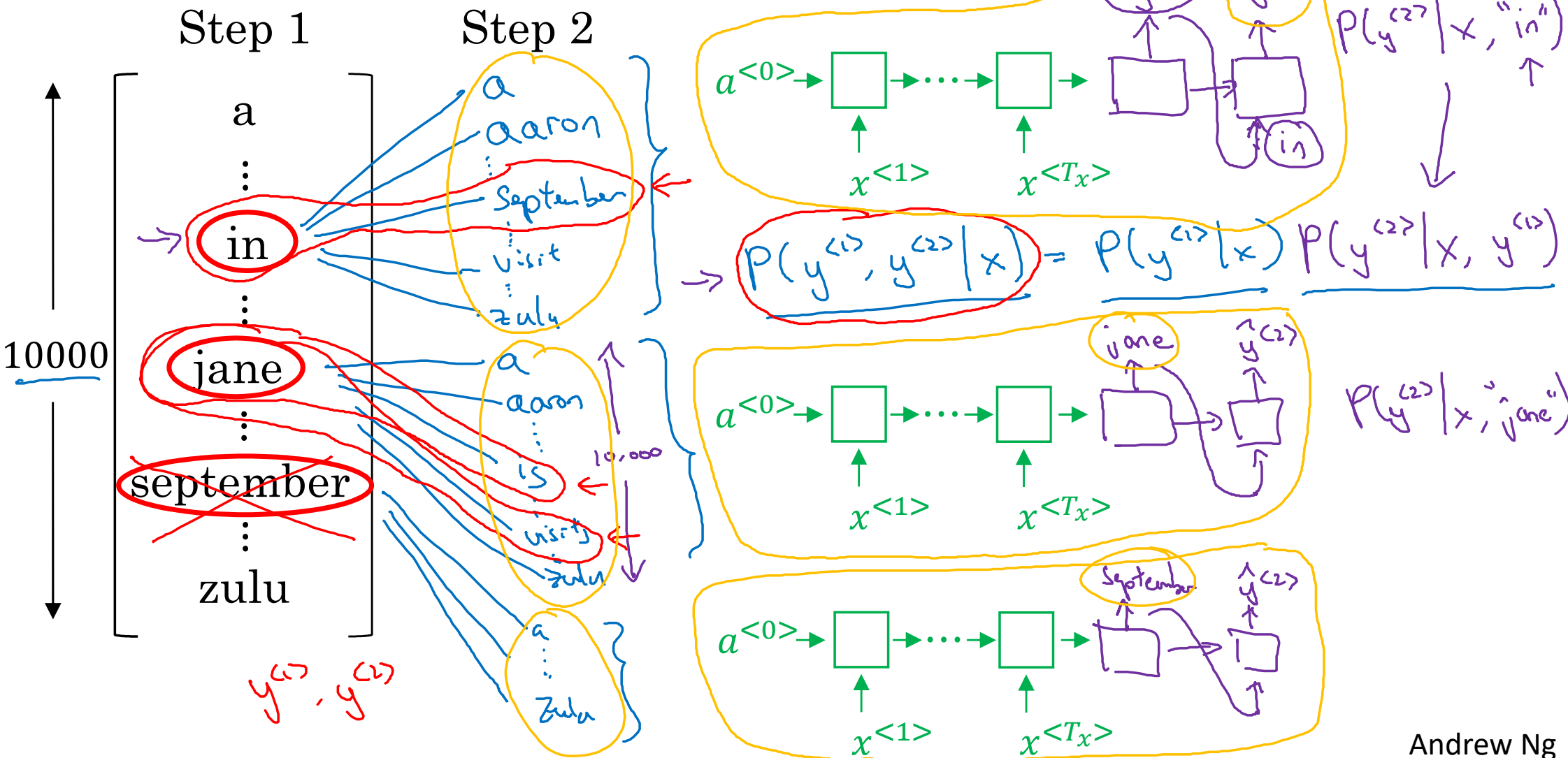
Beam search algorithm

$B = 3$ (beam width)

Step 1



Beam search algorithm (B=3)

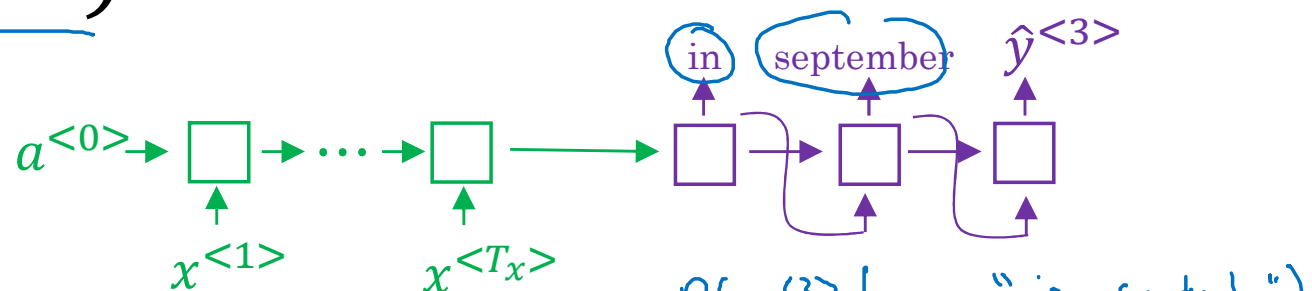


Beam search ($B = 3$)

$B = 1 \leadsto$ greedy search

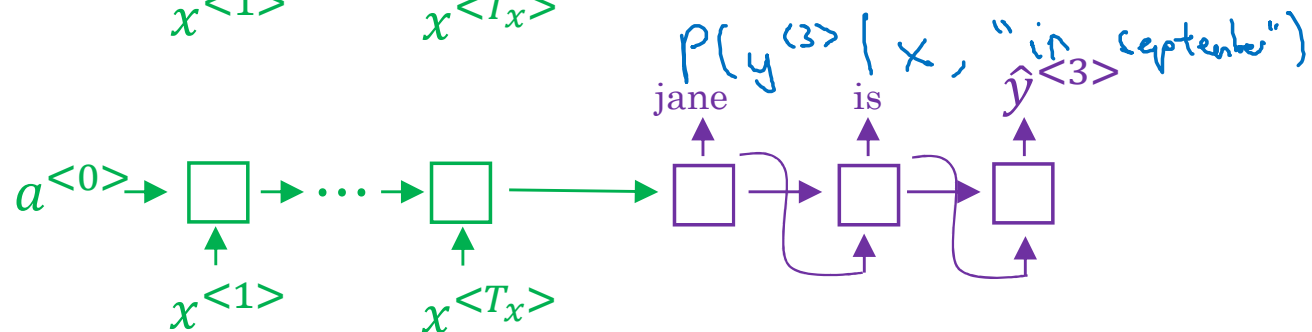
in september

a
aaron
~~jane~~
zulu



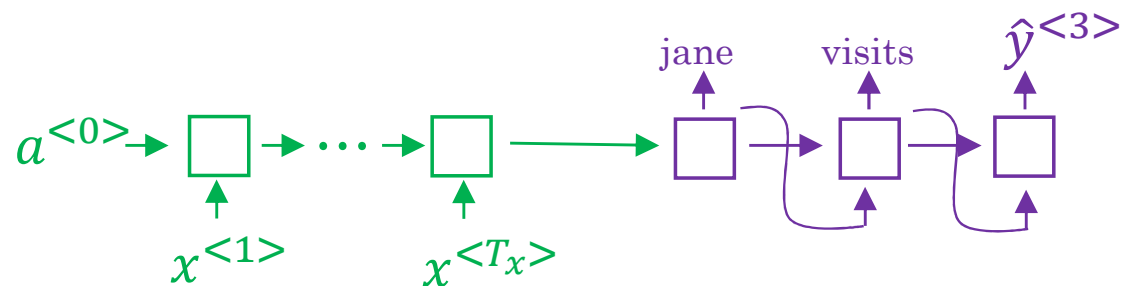
jane is

a
...
~~visits~~
zulu



jane visits

a
~~africa~~
zulu



$$P(y^{<1>}, y^{<2>} | x)$$

jane visits africa in september. <EOS>