



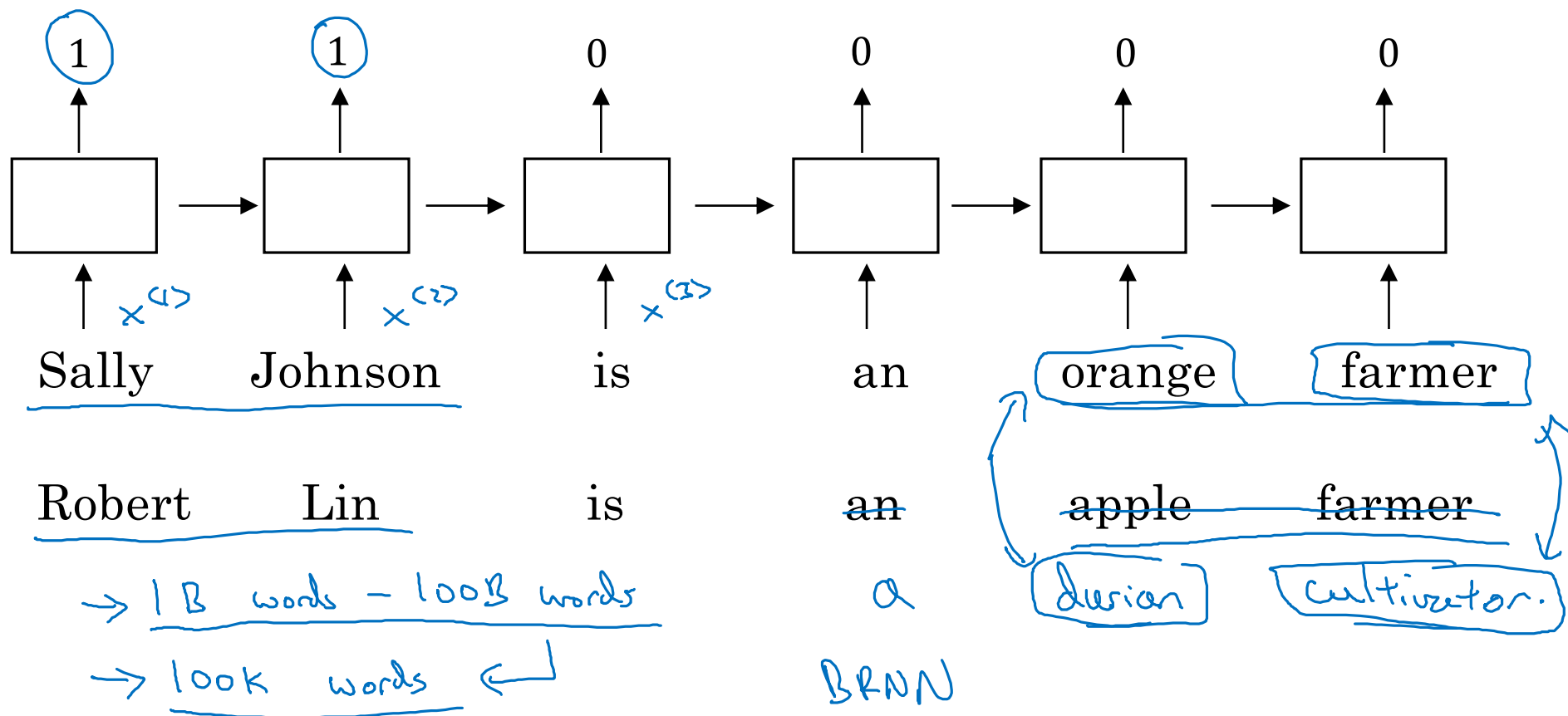
deeplearning.ai

# NLP and Word Embeddings


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Using word  
embeddings

# Named entity recognition example



# Transfer learning and word embeddings

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1. Learn word embeddings from large text corpus. (1-100B words)  
(Or download pre-trained embedding online.)
  2. Transfer embedding to new task with smaller training set.  
(say, 100k words) → 10,000 → 300
  3. Optional: Continue to finetune the word embeddings with new data.

# Relation to face encoding (embedding) 128D

