



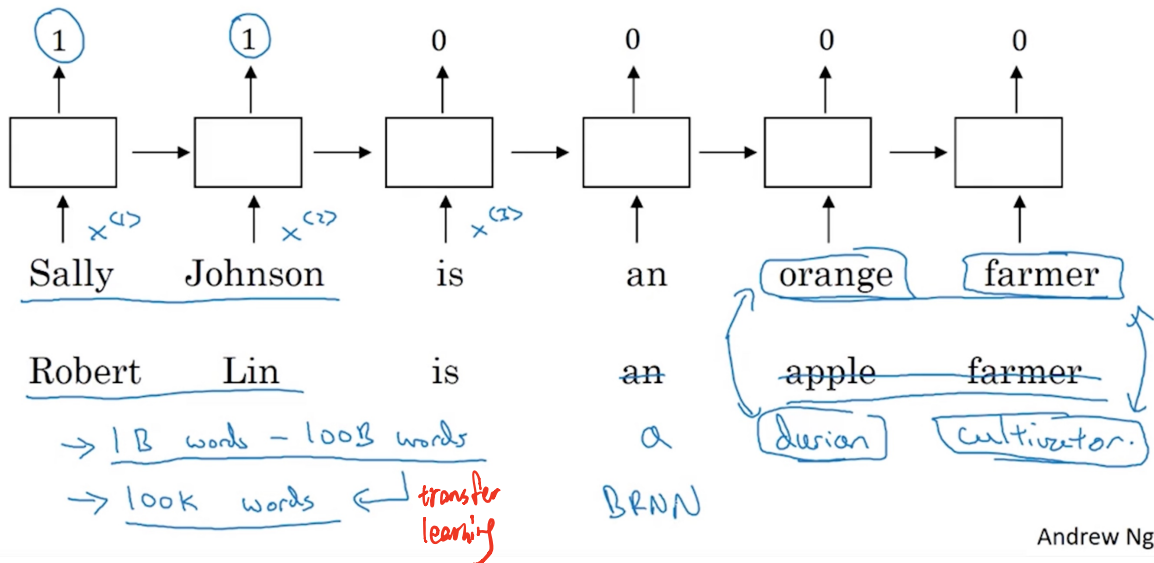
deeplearning.ai

NLP and Word Embeddings

Using word embeddings



Named entity recognition example



Transfer learning and word embeddings

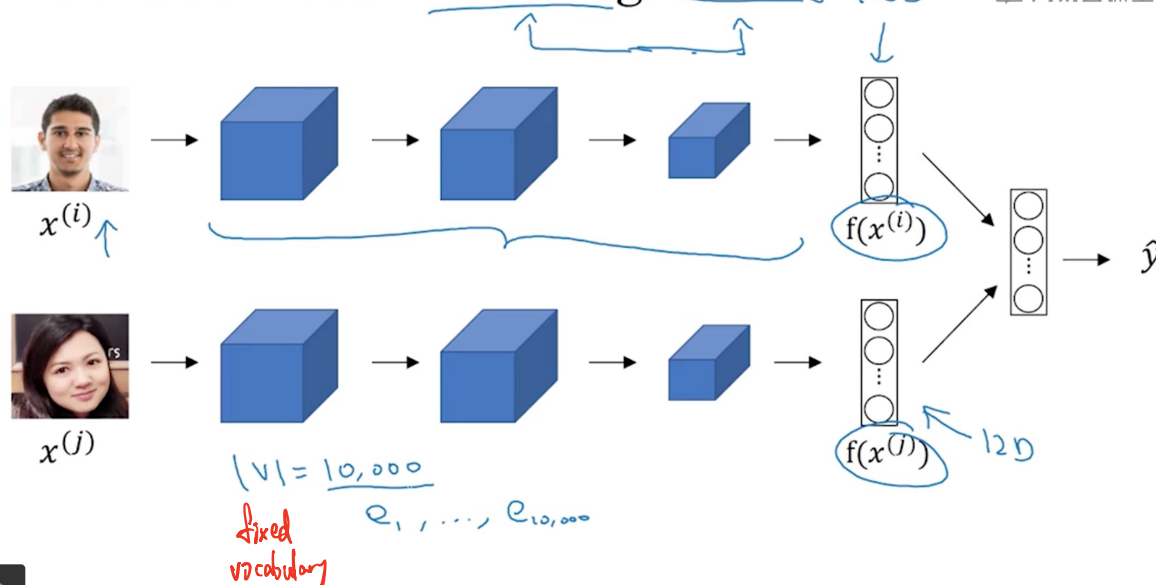
1. Learn word embeddings from large text corpus. (1-100B words)
(Or download pre-trained embedding online.)
2. Transfer embedding to new task with smaller training set.
(say, 100k words) $\rightarrow 10,000 \rightarrow 300$
3. Optional: Continue to finetune the word embeddings with new data.



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Relation to face encoding (embedding)

网易云课堂



[Taigman et. al., 2014. DeepFace: Closing the gap to human level performance]

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