



deeplearning.ai

# NLP and Word Embeddings

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## Sentiment classification

# Sentiment classification problem



The dessert is excellent.



Service was quite slow.



Good for a quick meal, but nothing special.



Completely lacking in good taste,  
good service, and good ambience.



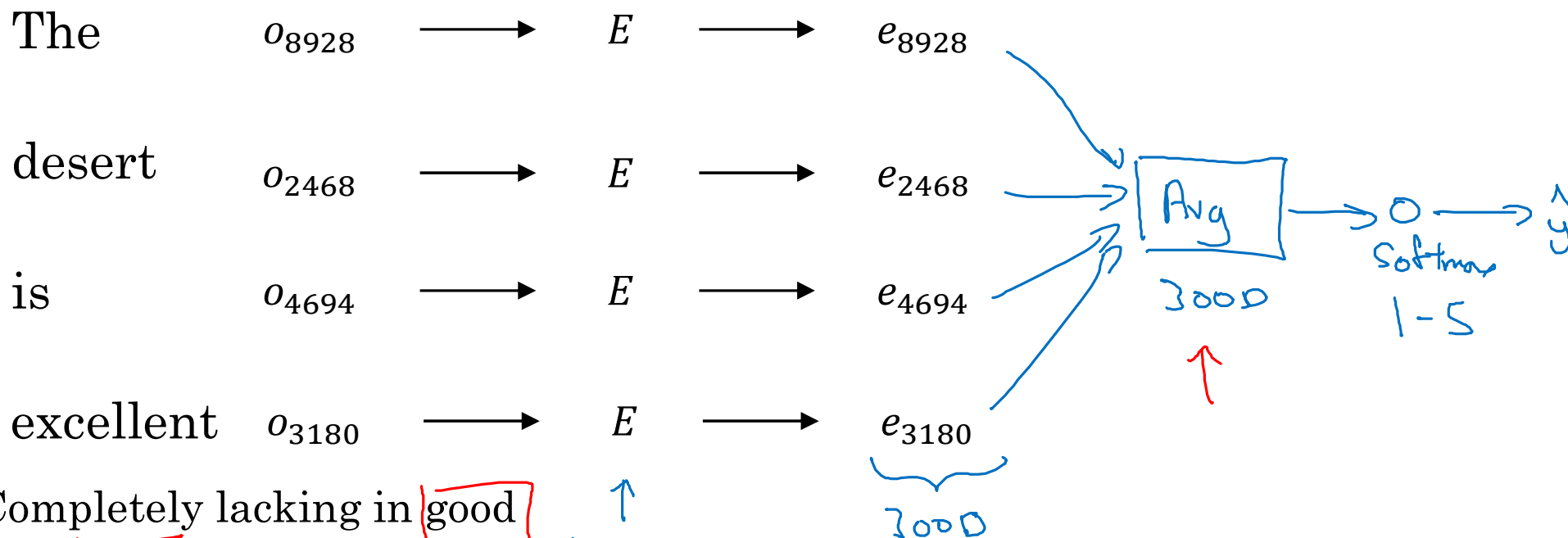
10,000  $\rightarrow$  100,000 words

# Simple sentiment classification model

The dessert is excellent



8928 2468 4694 3180



"Completely lacking in good taste, good service, and good ambience."

↑  
100 B  
words

# RNN for sentiment classification

