



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.



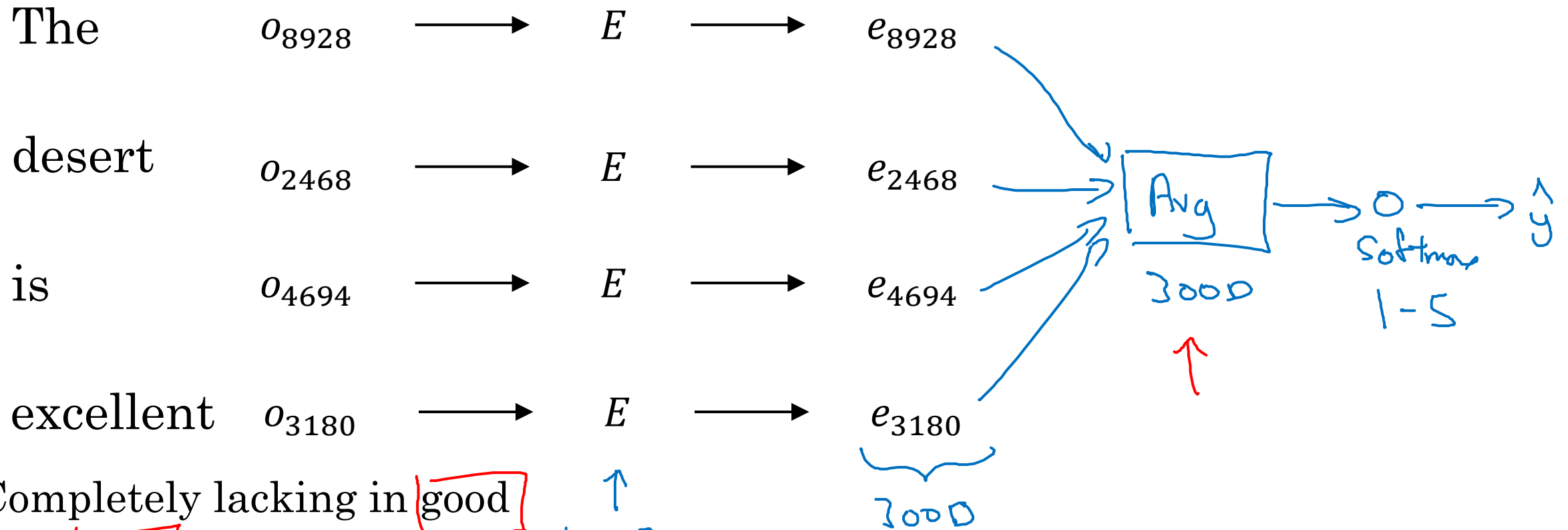
Completely lacking in good taste, good service, and good ambience.



10,000  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

But for this case, it doesn't work.

# RNN for sentiment classification

