

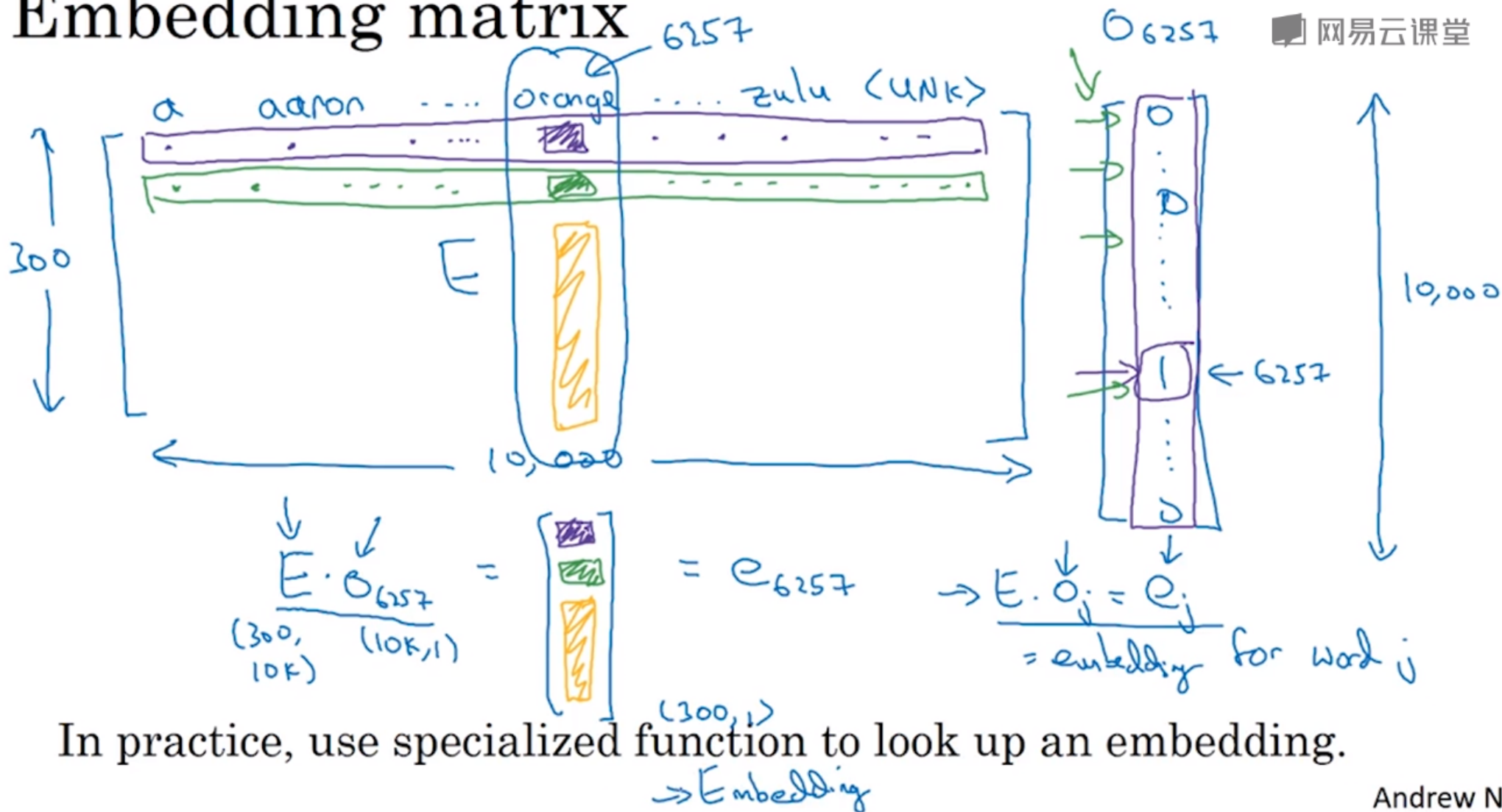


deeplearning.ai

NLP and Word Embeddings

Embedding matrix

Embedding matrix



The key terminology is this matrix capital E , which contains all the embeddings for the words of the vocabulary.

So it's actually not efficient to use a matrix vector multiplication to implement this because you will be multiplying a whole bunch of things by zero. And so in practice, you actually use a specialized function to just look up a column of the matrix E rather than do this with the matrix multiplication.