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Lecture: Word Embeddings

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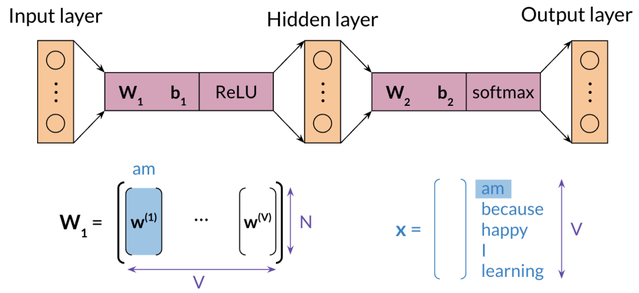
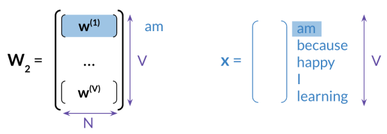
Extracting Word Embedding Vectors

There are two options to extract word embeddings after training the continuous bag of words model. You can use $w1$ as follows:



If you were to use $w1$, each column will correspond to the embeddings of a specific word. You can also use $w2$ as follows:



The final option is to take an average of both matrices as follows:

$$W_3 = 0.5\,(W_1 + W_2^T) = \begin{bmatrix} w_3^{(1)} & \cdots & w_3^{(V)} \end{bmatrix}_{V \times N}$$

Mark as completed

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