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Introduction to Neural Networks and TensorFlow

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 [IMPORTANT] Have
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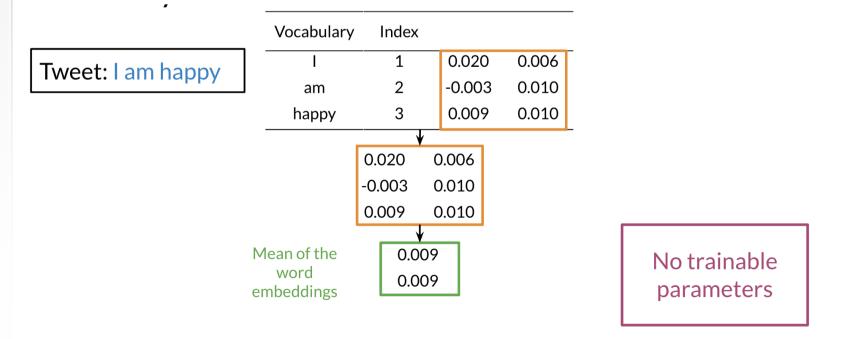
Practice Assignment: Classification Using Deep Neural Networks

Embedding and Mean Layers

Using an embedding layer you can learn word embeddings for each word in your vocabulary as follows:

Vocabulary	Index			
I	1	0.020	0.006	
am	2	-0.003	0.010	
happy	3	0.009	0.010	
because	4	-0.011	-0.018	Trainable
learning	5	-0.040	-0.047	weights
NLP	6	-0.009	0.050	
sad	7	-0.044	0.001	Vocabulary
not	8	0.011	-0.022	X
				Embedding

The mean layer allows you to take the average of the embeddings. You can visualize it as follows:



This layer does not have any trainable parameters.

