

	✓ Congratulations! You passed! TO PASS 80% or higher Keep Learning	GRADE 100%
L	Week 4 Quiz ATEST SUBMISSION GRADE 100%	
	 What is the name of the method used to tokenize a list of sentences? tokenize_on_text(sentences) fit_to_text(sentences) tokenize(sentences) fit_on_texts(sentences) 	1/1 point
	✓ Correct If a sentence has 120 tokens in it, and a Conv1D with 128 filters with a Kernal size of 5 is passed over it, what's the output shape? (None, 120, 128) (None, 116, 128) (None, 116, 124) (None, 120, 124)	1/1 point
3	 ✓ Correct What is the purpose of the embedding dimension? ○ It is the number of letters in the word, denoting the size of the encoding ○ It is the number of dimensions required to encode every word in the corpus ● It is the number of dimensions for the vector representing the word encoding ○ It is the number of words to encode in the embedding 	1/1 point
	✓ Correct IMDB Reviews are either positive or negative. What type of loss function should be used in this scenario? Binary Gradient descent Binary crossentropy Adam Categorical crossentropy	1/1 point
	Correct If you have a number of sequences of different lengths, how do you ensure that they are understood when fed into a neural network? Specify the input layer of the Neural Network to expect different sizes with dynamic_length Process them on the input layer of the Neural Network using the pad_sequences property	1/1 point

 Male sure that they are all the same length using the pad_sequences method of the tokeniter ⊕ Use the pad_sequences object from the tensorflow.keras preprocessing sequence namespace ✓ Correct 6. When predicting words to generate poetry, the more words predicted the more likely it will end up globerich. Why? ⊕ Because the probability of prediction compounds, and thus increases overall ⊕ Because the probability of prediction compounds, and thus increases overall ⊕ Because the probability that each word matches an esisting phrase gives down the more words you create ○ It doesn't, the likelihood of globerish doesn't change ✓ Correct 7. What is a major drawback of word-based training for text generation instead of character-based generation? ↑ There is no major drawback, it's always better to do word-based training ⊕ Because there are file more words in a typical corpus than characters, it is much more memory internate ♠ Word based generation is more accurate because there is a larger body of words to draw from ✓ Correct It is does not LSTM help understand meaning when words that qualify each other aren't necessarily beside each other in a settion; ↑ They should all words and one as state ↑ They should be words candomly ♠ Values from earlier words can be carried to later ones via a cell state ✓ Correct 			
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