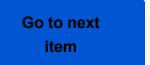
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## **Congratulations! You passed!**

**Grade received** 100% **To pass** 80% or higher



## Week 2 Quiz

**Latest Submission Grade 100%** 

1. What is the name of the TensorFlow library containing common data that you can use to train and test neural networks?	1 / 1 point
There is no library of common data sets, you have to use your own	
TensorFlow Datasets	
TensorFlow Data Libraries	
TensorFlow Data	
○ Correct	
2. How many reviews are there in the IMDB dataset and how are they split?	1 / 1 point
50,000 records, 80/20 train/test split	
60,000 records, 80/20 train/test split	
50,000 records, 50/50 train/test split	
60,000 records, 50/50 train/test split	
3. How are the labels for the IMDB dataset encoded?	1 / 1 point
Reviews encoded as a number 1-5	
Reviews encoded as a number 1-10	
Reviews encoded as a number 0-1	
Reviews encoded as a boolean true/false	
4. What is the purpose of the embedding dimension?	1 / 1 point
It is the number of letters in the word, denoting the size of the encoding	
It is the number of dimensions for the vector representing the word encoding	
It is the number of dimensions required to encode every word in the corpus	
It is the number of words to encode in the embedding	
○ Correct	
5. When tokenizing a corpus, what does the num_words=n parameter do?	1 / 1 point
It specifies the maximum number of words to be tokenized, and picks the most common 'n' words	
It errors out if there are more than n distinct words in the corpus	
It specifies the maximum number of words to be tokenized, and picks the first 'n' words that were tokenized	
It specifies the maximum number of words to be tokenized, and stops tokenizing when it reaches n	
○ Correct	

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6.	To use word embeddings in TensorFlow, in a sequential layer, what is the name of the class?	1/1 point
	tf.keras.layers.Embed	
	tf.keras.layers.Embedding  tf.keras.layers.Embedding	
	tf.keras.layers.WordEmbedding	
	tf.keras.layers.Word2Vector	
	○ Correct	
7.	IMDB Reviews are either positive or negative. What type of loss function should be used in this scenario?	1/1 point
	Categorical crossentropy	
	O Binary Gradient descent	
	Binary crossentropy	
	Adam	
8.	When using IMDB Sub Words dataset, our results in classification were poor. Why?	1 / 1 point
	Sequence becomes much more important when dealing with subwords, but we're ignoring word positions	
	Our neural network didn't have enough layers	
	The sub words make no sense, so can't be classified	
	We didn't train long enough	