Your latest: 100% • Your highest: 100% • To pass you need at least 80%. We keep your highest score.

1.	What's the primary difference between a simple RNN and an LSTM	1/1 point
	<ul><li>In addition to the H output, RNNs have a cell state that runs across all cells</li><li>LSTMs have multiple outputs, RNNs have a single one</li></ul>	
	O LSTMs have a single output, RNNs have multiple	
	In addition to the H output, LSTMs have a cell state that runs across all cells	
	<b>⊘</b> Correct	
2.	If you want to clear out all temporary variables that tensorflow might have from previous sessions, what code do you run?	1/1 point
	O tf.cache.backend.clear_session()	
	O tf.keras.clear_session	
	tf.keras.backend.clear_session()  tf.sasha_clear_session()	
	O tf.cache.clear_session()	
	<b>⊘</b> Correct	
3.	What does a Lambda layer in a neural network do?	1/1 point
	Allows you to execute arbitrary code while training	
	There are no Lambda layers in a neural network	
	Changes the shape of the input or output data  Dayses training without a callback	
	O Samuel	
	<b>⊘</b> Correct	
4.	If X is the standard notation for the input to an RNN, what are the standard notations for the outputs?	1/1 point
	O Y	
	O H	
	Y(hat) and H  H(hat) and Y	
	O minacy and r	
	<b>⊘</b> Correct	
5.	A new loss function was introduced in this module, named after a famous statistician. What is it called?	1/1 point
J.	O Hubble loss	1/1 point
	O Hawking loss	
	O Hyatt loss	
	<ul><li>Huber loss</li></ul>	
	<b>⊘</b> Correct	
6.	What is a sequence to vector if an RNN has 30 cells numbered 0 to 29	1/1 point
	The total Y(hat) for all cells	-, - p
	The Y(hat) for the second cell	
	The average Y(hat) for all 30 cells	
	The Y(hat) for the last cell	
	<b>⊘</b> Correct	
7.	What does the axis parameter of tf.expand_dims do?	1/1 point
	Defines the dimension index at which you will expand the shape of the tensor	
	O Defines the axis around which to expand the dimensions	
	O Defines the dimension index to remove when you expand the tensor	
	O Defines if the tensor is X or Y	
	<b>⊘</b> Correct	
8.	What happens if you define a neural network with these three layers?	1/1 point
	tf.keras.layers.Bidirectional(tf.keras.layers.LSTM(32)),	
	tf.keras.layers.Bidirectional(tf.keras.layers.LSTM(32)),	
	tf.keras.layers.Dense(1),	
	O Your model will fail because you have the same number of cells in each LSTM	
	O Your model will compile and run correctly	
	O Your model will fail because you need return_sequences=True after each LSTM layer	
	Your model will fail because you need return_sequences=True after the first LSTM layer	
	<b>⊘</b> Correct	