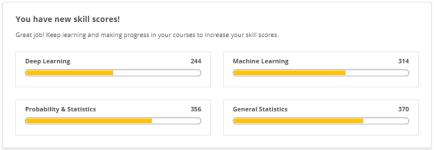
## $\checkmark$ Congratulations! You passed!

TO PASS 80% or higher



grade 100%



Week 2 Quiz  LATEST SUBMISSION GRADE 100%	
What is a windowed dataset?	1/1 point
A consistent set of subsets of a time series	
There's no such thing	
The time series aligned to a fixed shape	
A fixed-size subset of a time series	
✓ Correct	
2. What does 'drop_remainder=true' do?	1/1 point
lt ensures that all rows in the data window are the same length by adding data	
It ensures that the data is all the same shape	
It ensures that all data is used	
It ensures that all rows in the data window are the same length by cropping data	
✓ Correct	
3. What's the correct line of code to split an n column window into n-1 columns for features and 1 column for a label	1/1 point
dataset = dataset.map(lambda window: (window[n-1], window[1]))	
(a) dataset = dataset.map(lambda window: (window[:-1], window[-1:]))	
dataset = dataset.map(lambda window: (window[-1:], window[:-1]))	
dataset = dataset.map(lambda window: (window[n], window[1]))	
✓ Correct	

	Mean Squared error	
	Mean Slight error	
	○ Mean Series error	
	○ Mean Second error	
	✓ Correct	
	Contest	
5.	What does MAE stand for?	1/1 point
	Mean Average Error	
	Mean Advanced Error	
	Mean Absolute Error	
	Mean Active Error	
	✓ Correct	
6.	If time values are in time[], series values are in series[] and we want to split the series into training and validation at time 1000, what is the correct code?	1/1 point
	time_train = time[:split_time]  x_train = series[:split_time]	
	time_valid = time[split_time]	
	x_valid = series[split_time]	
	time_train = time[split_time]  x_train = series[split_time]	
	time_valid = time[split_time]	
	x_valid = series[split_time]	
	time_train = time[:split_time]	
	x_train = series[:split_time]	
	time_valid = time[split_time:]	
	x_valid = series[split_time:]	
	time_train = time[split_time]	
	x_train = series[split_time]	
	time_valid = time[split_time:]	
	x_valid = series[split_time:]	

✓ Correct

	<ul> <li>Assign a variable to the layer and add it to the model using that variable. Inspect its properties after training</li> </ul>	
	Run the model with unit data and inspect the output for that layer	
	O Iterate through the layers dataset of the model to find the layer you want	
	O Decompile the model and inspect the parameter set for that layer	
	✓ Correct	
8.	How do you set the learning rate of the SGD optimizer?	1/1 point
	○ You can't set it	
	Use the Rate property	
	Use the Ir property	
	Use the RateOfLearning property	
	✓ Correct	
9.	If you want to amend the learning rate of the optimizer on the fly, after each epoch, what do you do?	1/1 point
	Use a LearningRateScheduler and pass it as a parameter to a callback	
	Callback to a custom function and change the SGD property	
	Use a LearningRateScheduler object in the callbacks namespace and assign that to the callback	
	O You can't set it	
	✓ Correct	

 $7. \quad \text{If you want to inspect the learned parameters in a layer after training, what's a good technique to use?} \\$ 

1/1 point