Week 2 Quiz

LATEST SUBMISSION GRADE

100%

1. What is a windowed dataset?

1/1 point

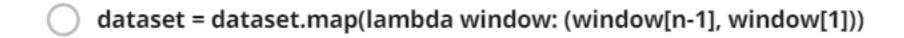
- The time series aligned to a fixed shape
- There's no such thing
- A consistent set of subsets of a time series
- A fixed-size subset of a time series

- . What does 'drop_remainder=true' do?
 - It ensures that all rows in the data window are the same length by adding data
 - It ensures that all rows in the data window are the same length by cropping data

It ensures that the data is all the same shape

It ensures that all data is used

What's the correct line o	f code to split an n co	lumn window int	o n-1 columns f	for features and
column for a label				





dataset = dataset.map(lambda window: (window[-1:], window[:-1]))

dataset = dataset.map(lambda window: (window[n], window[1]))

Mean Squared error

Mean Slight error

Mean Series error

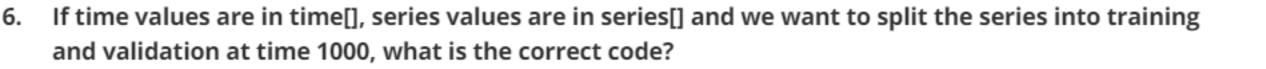
Mean Second error

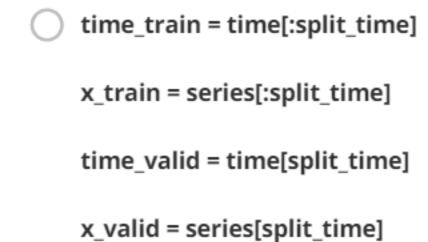
Mean Average Error

Mean Advanced Error

Mean Absolute Error

Mean Active Error





```
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:]
```

7.	If you want to inspect the learned parameters in a layer after training, what's a good technique to
	use?

Assign a variable to the layer and add it to the model using that variable. Inspect its properties after training

Iterate through the layers dataset of the model to find the layer you want

Decompile the model and inspect the parameter set for that layer

Run the model with unit data and inspect the output for that layer

O 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?	



Callback to a custom function and change the SGD property

Use a LearningRateScheduler object in the callbacks namespace and assign that to the callback

You can't set it