

Congratulations! You passed!

Grade received 100% To pass 80% or higher

Go to next item

Week 4 Quiz

Latest Submission Grade 100%

1.	What HTML5 ta	g is used to show the contents of a webcam?	1/1 point	
	O <div></div>			
	<webcam></webcam>			
	<video></video>			
	O <pre></pre>			
	⊘ Correct			
2.	If I initialize a webcam object like this:			
	1 const	<pre>webcam = new Webcam(document.getElementById('wc'));</pre>		
	Which code will	then start the webcam feed to render in the page?		
	(1 a	<pre>sync function init(){await webcam.initialize();}</pre>		
	① 1 a	<pre>sync function init(){await webcam.setup();}</pre>		
	0 1			
	1 a	<pre>sync function init(){await webcam.go();}async function init(){await webcam.go();}</pre>		
	O 1 a	<pre>sync function init(){await webcam.start();}</pre>		
	⊘ Correct			
3.	If I want to crea	f I want to create a model that uses transfer learning, with everything in mobilenet up to layer 'foo', and my layers		
	afterwards, hov	v do I do it? Assume this code was used to find layer 'foo'		
	1 const	layer = mobilenet.getLayer('foo');		
	O 1 r	eturn tf.model({inputs: mobilenet.inputs, outputs: layer.outputs});		
	① 1 r	eturn tf.model({inputs: mobilenet.inputs, outputs: layer.output});		
		, , , , , , , , , , , , , , , , , , , ,		
	0 1 1	atura tf model/(insute, mobileret sutpute, lavan)).		
		eturn tf.model({inputs: mobilenet, outputs: layer});		
	O 1 r	<pre>eturn tf.model({inputs: mobilenet.input, outputs: layer.outputs});</pre>		
	⊘ Correct			
4.		earning from a mobilenet, and I want to use my own dense layers after the mobilenet ones, what intax to use at <insert code="" here=""></insert>	1/1 point	

1	{ inputShape: mobilenet.outputs[0].shape.slice(1)}				
0 1	<pre>{inputShape: mobilenet.outputs[0].slice(1)}</pre>				
O 1	<pre>{inputShape: mobilenet.outputs[1].shape.slice(0)}</pre>	I			
O 1	$\{inputShape: mobilenet.outputs[1].slice(0)\}$				
⊘ Correct					
If I am using a image?	mobilenet with my own DNN for transfer learning in TensorFLow.js, how do I get a predic	tion for an 1			
O Just pass	the prediction to your own model, it already includes the mobilenet layers				
O Just pass	the prediction to mobilenet, because you've already added your layers to it				
Get a set of	of prediction embeddings from mobilenet and pass them to your model				
O Get a set	of prediction embeddings from your model and pass them to mobilenet				
⊘ Correct					
-	iet of predictions returned from model.predict(something) and you want to take the one v pility, how do you do it?	with the 1			
Oprediction	ns.argMax() then look at the 0th element				
_	predictions.sort() then look at the 0th element				
Oprediction	ns[0] contains the one with the largest probability				
prediction	ns.as1D().argMax(), then look at the 0th element				
Correct					
0					
	have a function called predict() in a class called 'foo' which captures a frame from the we lat's the best way to call it, particularly if you plan to do continuous predictions?	ebcam and 1			
	tf.tidy(() => foo.predict());				
-					
0 1	tf.tidy(foo.predict());				
O 1	<pre>foo.predict(); tf.tidy();</pre>				
	,				
O 1	foo.predict(tf.tidy());				
⊘ Correct					
Somett					
Why is transfe	r learning a huge advantage, particularly when training in the browser?	1			
O It gives yo	ou a smaller model				
O It lets you	skip training altogether				
O It allows y	you to use already-learned convolutions for distinguishing features, saving space				
(it allows y	you to use already-learned convolutions for distinguishing features, saving training time				
Correct					