←	Week 3 Quiz Back Graded Assignment 30 min	
•	⊕ English ∨ Due Moy 11, 10:59 PM CST	
Your	Latest: 100% • Your highest: 100% as you need at least 80%. We keep your highest score.	
	Next item →	
1.	If I put a dropout parameter of 0.2, how many nodes will I lose?	1/1 point
	② 20% of them	
	O 2% of them	
	20% of the untrained ones 2% of the untrained ones	
	© Correct	
	Spot on!	
	How do you change the number of classes the model can classify when using transfer learning? (i.e. the original model handled 1000 classes, but yours handles just 2) Ignore all the classes above yours (i.e. Numbers 2 onwards if I'm just classing 2)	1/1 point
	Use all classes but set their weights to 0	
	When you add your DNN at the bottom of the network, you specify your output layer with the number of classes you want	
	Use dropouts to eliminate the unwanted classes	
	⊙ Correct Good job!	
3.	Which is the correct line of code for declaring a dropout of 20% of neurons using TensorFlow	1/1 point
	Ott.keras.layers.Dropout(20)	
	tf.keras.layers.DropoutNeurons(20),	
	tkeras layers. Dropout(0.2), the ray layers are the ray layers. Dropout(0.2),	
	⊕ timetosioptisariopoulivz),	
	tf.keras.layers.DropoutNeurons(0.2),	
	⊙ Correct	
	You've got it!	
	Why do dropouts help avoid overfitting? Recause acidables and was circular weights, and thus can show the final training.	1/1 point
	Why do dropouts help avoid overfitting? Because neighbor neurons can have similar weights, and thus can skew the final training Having less neurons speeds up training	1/1 point
	 Because neighbor neurons can have similar weights, and thus can skew the final training Having less neurons speeds up training Correct 	1/1 point
	Because neighbor neurons can have similar weights, and thus can skew the final training Having less neurons speeds up training	1/1 point
	 Because neighbor neurons can have similar weights, and thus can skew the final training Having less neurons speeds up training Correct That's right 	
5.	 Because neighbor neurons can have similar weights, and thus can skew the final training Having less neurons speeds up training Correct 	1/1 point
5.	Because neighbor neurons can have similar weights, and thus can skew the final training Having less neurons speeds up training Correct That's right! Why is transfer learning useful? Because I can use all of the data from the original training set Because I can use all of the data from the original validation set	
5.	Because I can use all of the data from the original training set Because I can use the features that were learned from large datasets that I may not have access to	
5.	Because neighbor neurons can have similar weights, and thus can skew the final training Having less neurons speeds up training Correct That's right! Why is transfer learning useful? Because I can use all of the data from the original training set Because I can use the features that were learned from large datasets that I may not have access to Because I can use the validation metadata from large datasets that I may not have access to	
5.	Because I can use all of the data from the original training set Because I can use the features that were learned from large datasets that I may not have access to	
5.	Because neighbor neurons can have similar weights, and thus can skew the final training Having less neurons speeds up training. Correct That's right! Why is transfer learning useful? Because I can use all of the data from the original training set Because I can use all of the data from the original validation set Because I can use the features that were learned from large datasets that I may not have access to Because I can use the validation metadata from large datasets that I may not have access to Correct Exactly!	1/1 point
5.	Because neighbor neurons can have similar weights, and thus can skew the final training Having less neurons speeds up training Correct That's right! Why is transfer learning useful? Because I can use all of the data from the original training set Because I can use all of the data from the original validation set Because I can use the features that were learned from large datasets that I may not have access to Because I can use the validation metadata from large datasets that I may not have access to Correct Exactly! Can you use image augmentation with transfer learning models?	
5.	Because neighbor neurons can have similar weights, and thus can skew the final training Having less neurons speeds up training. Correct That's right! Why is transfer learning useful? Because I can use all of the data from the original training set Because I can use all of the data from the original validation set Because I can use the features that were learned from large datasets that I may not have access to Because I can use the validation metadata from large datasets that I may not have access to Correct Exactly!	1/1 point
5.	Because I can use all of the data from the original training set Because I can use all of the data from the original training set Because I can use all of the data from the original validation set Because I can use all of the data from the original validation set Because I can use all of the data from the original validation set Because I can use the features that were learned from large datasets that I may not have access to Correct Exactly! Can you use image augmentation with transfer learning models? No, because you are using pre-set features Yes, you can use image augmentation when training the layers you added to the pre-trained model.	1/1 point
5.	Because neighbor neurons can have similar weights, and thus can skew the final training Having less neurons speeds up training Correct That's right! Why is transfer learning useful? Because I can use all of the data from the original training set Because I can use all of the data from the original validation set Because I can use the features that were learned from large datasets that I may not have access to Because I can use the validation metadata from large datasets that I may not have access to Correct Exactly! Can you use image augmentation with transfer learning models? No, because you are using pre-set features Yes, you can use image augmentation when training the layers you added to the pre-trained model.	1/1 point
5.	 Because neighbor neurons can have similar weights, and thus can skew the final training traving less neurons speeds up training Cerrect That's right! Why is transfer learning useful? Because I can use all of the data from the original training set Because I can use the features that were learned from large datasets that I may not have access to Because I can use the validation metadata from large datasets that I may not have access to Cerrect Exactly! Can you use image augmentation with transfer learning models? No, because you are using pre-set features Yes, you can see image augmentation when training the layers you added to the pre-trained model. Cerrect That's right 	1/1 point 1/1 po
 6. 	Because I can use all of the data from the original training set Because I can use all of the data from the original training set Because I can use all of the data from the original validation set Because I can use all of the data from the original validation set Because I can use all of the data from the original validation set Because I can use the features that were learned from large datasets that I may not have access to Correct Exactly! Can you use image augmentation with transfer learning models? No, because you are using pre-set features Yes, you can use image augmentation when training the layers you added to the pre-trained model.	1/1 point
 5. 6. 	Because neighbor neurons can have similar weights, and thus can skew the final training content That's right Why is transfer learning useful? Because I can use all of the data from the original training set Because I can use all of the data from the original training set Because I can use all of the data from the original training set Because I can use the validation metadata from large datasets that I may not have access to Correct DataCity Carrier Can you use image augmentation with transfer learning models? No, because you are using pre-set features No, because the validation metadata from training the layers you added to the pre-trained model. Carrier That's right How did you lock or freeze a layer from retraining? It freeze(alpyr) (Litayer-frozen = True	1/1 point 1/1 po
 6. 7. 	Because reighbor neurons can have similar weights, and thus can skew the final training Correct That's right Why is transfer learning useful? Because I can use all of the data from the original training set Because I can use all of the data from the original validation set Because I can use the sealures that were learners that it may not have access to Correct Exactly! Can you use image augmentation with transfer learning models? No, because you are using pre-set features Why you so use image augmentation when training the layers you added to the pre-trained model. Correct That's right Why is lock or freeze a layer from retraining? Out threeze(layer) Outlayer forces Tue Utlayer forces Tue	1/1 point 1/1 po
 6. 7. 	Because neighbor neurons can have similar weights, and thus can skew the final training content That's right Why is transfer learning useful? Because I can use all of the data from the original training set Because I can use all of the data from the original training set Because I can use all of the data from the original training set Because I can use the validation metadata from large datasets that I may not have access to Correct DataCity Carrier Can you use image augmentation with transfer learning models? No, because you are using pre-set features No, because the validation metadata from training the layers you added to the pre-trained model. Carrier That's right How did you lock or freeze a layer from retraining? It freeze(alpyr) (Litayer-frozen = True	1/1 point 1/1 po
 6. 7. 	Because ready to transfer learning useful? Why is transfer learning useful? Because I can use all of the data from the original training set Because I can use all of the data from the original training set Because I can use all of the data from the original training set Because I can use all of the data from the original training set Because I can use all of the data from the original training set Because I can use all of the data from the original training set Because I can use all of the data from the original training set Because I can use all of the data from the original training set Because I can use all of the data from the original training set Because I can use all of the data from the original training set Because I can use the National training of the data from the original training set Because I can use the validation metadata from large datasets that I may not have access to Because I can use the validation metadata from large datasets that I may not have access to Convex training agreementation with transfer learning models? No, because you are using agreementation when training the layers you added to the pre-trained model. Convex lange agreementation when training the layers you added to the pre-trained model. Convex lange alignmentation when training? Of thereeaflayers of thereeaflaye	1/1 point 1/1 po
 6. 7. 	Because resignator resurrors covered up training Convert Trait's rigit! Why is transfer learning useful? Because ic on use all of the data from the original training set Because ic on use all of the data from the original training set Because ic on use all of the data from the original training set Because ic on use the features that were learned from large distances that I may not have access to Because ic on use the validation metadata from large distances that I may not have access to Convert Exactly Convert DataCly Not because you are using a sugmentation with transfer learning models? Not because you are using a sugmentation when training the layers you added to the pre-trained model. Convert Trait's rigit! How did you lock or freeze a layer from retraining? Of three callegory Of the callego	1/1 point 1/1 point
5. 7.	Everage reciption returns can have similar verights, and thus can skew the final training. Internet place were more speeds up training	1/1 point 1/1 po
5. 7.	Because resignator resurrors covered up training Convert Trait's rigit! Why is transfer learning useful? Because ic on use all of the data from the original training set Because ic on use all of the data from the original training set Because ic on use all of the data from the original training set Because ic on use the features that were learned from large distances that I may not have access to Because ic on use the validation metadata from large distances that I may not have access to Convert Exactly Convert DataCly Not because you are using a sugmentation with transfer learning models? Not because you are using a sugmentation when training the layers you added to the pre-trained model. Convert Trait's rigit! How did you lock or freeze a layer from retraining? Of three callegory Of the callego	1/1 point 1/1 point
5. 7.	is transer religibles in nations agreed up training character religibles on nations agreed up training character flagible Nully is transfer flaming useful? because I can use all of the date from the original validation set because I can use all of the date from the original validation set because I can use the validation metadated from large datasets that I may not have access to because I can use the validation metadated from large datasets that I may not have access to character can use the validation metadated from large datasets that I may not have access to character can use the validation metadated from large datasets that I may not have access to character can use the validation metadated from large datasets that I may not have access to character can use the validation metadated from large datasets that I may not have access to character can use the validation metadated from large datasets that I may not have access to character can use the validation metadated from large datasets that I may not have access to character can use the validation metadated from large datasets that I may not have access to character can use the validation metadated from large datasets that I may not have access to character can use the validation metadated from large datasets that I may not have access to character can use the validation metadated from large datasets that I may not have access to character can use the validation metadated from large datasets that I may not have access to character can use the validation with teached from the from the validation with teached from the from the from the validation of the validation with teached from the from the from the validation of the validation with teached from the from the from the validation of the valid	1/1 point 1/1 point