Module 2 Quiz

latest submission grade 100%

1.	What data types are supported by Amazon Recognition? Select all that apply.	1/1 point
	✓ Images	
	✓ Correct	
	✓ Video	
	✓ Correct	
	Audio	
	☐ Text	
2.	What is the recommended strategy for hyper parameter optimisation in Amazon SageMaker?	1/1 point
	○ Grid Search	
	O Random Search	
	Bayesian Search	
	O Binary Tree Search	
	✓ Correct	

3.	Which frameworks come pre-installed on the Deep Learning AMI? Select all that apply.	1/1 poin
	Apache MXNet	
	✓ Correct	
	✓ Chainer	
	✓ Correct	
	▽ PyTorch	
	✓ Correct	
	✓ TensorFlow	
	✓ Correct	
4.	Where are Amazon Deep Learning Containers made available?	1/1 point
	Amazon Machine Image Marketplace	
	Amazon Elastic Container Registry	
	Amazon SageMaker built-in algorithms	
	Amazon EC2 Service Console	
	✓ Correct	
5.	What's the recommended tool for optimising models for edge deployment?	1/1 point
٥.	Amazon SageMaker Neo	17 i polite
	Amazon SageMaker Automatic Model Tuner	
	Amazon Personalize	
	AWS Auto Scaling	
	✓ Correct	

 ● Ground Truth -> Automatic Model Tuner -> Neo ○ Neo-> Automatic Model Tuner -> Ground Truth ○ Automatic Model Tuner -> Ground Truth -> Neo ○ Ground Truth -> Neo -> Automatic Model Tuner ✓ Correct 7. What learning procedure does SageMaker Ground Truth use to label data? ⑥ Active Learning ○ Unsupervised Learning ○ Metric Learning ○ Human Learning ✓ Correct 8. Which Amazon SageMaker built-in algorithms can be used for understanding images? □ BlazingText □ DeepAR ☑ Object Detection ✓ Correct ✓ Semantic Segmentation 	6.	Assume you have 10,000 unlabelled images of foods, and need to train an object detection model for edge deployment in a smart fridge. Using Amazon SageMaker, in what order would you use the following components?	1/1 point				
 Automatic Model Tuner → Ground Truth → Neo Ground Truth → Neo → Automatic Model Tuner ✓ Correct 7. What learning procedure does SageMaker Ground Truth use to label data? ♠ Active Learning Unsupervised Learning Metric Learning Human Learning ✓ Correct 8. Which Amazon SageMaker built-in algorithms can be used for understanding images? □ BlazingText □ DeepAR ✓ Object Detection ✓ Correct ✓ Semantic Segmentation 		Ground Truth -> Automatic Model Tuner -> Neo					
 Ground Truth → Neo → Automatic Model Tuner ✓ Correct 7. What learning procedure does SageMaker Ground Truth use to label data? ⑥ Active Learning ○ Unsupervised Learning ○ Metric Learning ○ Human Learning ✓ Correct 8. Which Amazon SageMaker built-in algorithms can be used for understanding images? □ BlazingText □ DeepAR ✓ Object Detection ✓ Correct ✓ Semantic Segmentation 		Neo-> Automatic Model Tuner -> Ground Truth					
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 Metric Learning Human Learning ✓ Correct Which Amazon SageMaker built-in algorithms can be used for understanding images? BlazingText DeepAR Object Detection ✓ Correct Semantic Segmentation 		Active Learning					
 Human Learning ✓ Correct 8. Which Amazon SageMaker built-in algorithms can be used for understanding images? BlazingText DeepAR ✓ Object Detection ✓ Correct ✓ Semantic Segmentation 		O Unsupervised Learning					
 Correct Which Amazon SageMaker built-in algorithms can be used for understanding images? BlazingText DeepAR Object Detection Correct Semantic Segmentation 		Metric Learning					
8. Which Amazon SageMaker built-in algorithms can be used for understanding images? BlazingText DeepAR Object Detection Correct Semantic Segmentation		Human Learning					
□ BlazingText □ DeepAR ☑ Object Detection ☑ Correct ☑ Semantic Segmentation		✓ Correct					
□ BlazingText □ DeepAR ☑ Object Detection ☑ Correct ☑ Semantic Segmentation							
 □ DeepAR ☑ Object Detection ☑ Correct ☑ Semantic Segmentation 	8.	Which Amazon SageMaker built-in algorithms can be used for understanding images?	1/1 point				
✓ Correct ✓ Semantic Segmentation		☐ BlazingText					
✓ Correct ✓ Semantic Segmentation		☐ DeepAR					
Semantic Segmentation		✓ Object Detection					
		✓ Correct					
✓ Correct		Semantic Segmentation					
		✓ Correct					

9.	Which AWS service let's you attach low-cost GPU-powered acceleration to Amazon EC2 and Amazon SageMaker instances?	1/1 point
	AWS IoT Greengrass	
	Amazon SageMaker Batch Transform	
	AWS Auto Scaling	
	Amazon Elastic Inference	
	✓ Correct	
10.	You need to start an Amazon SageMaker Notebook instance to use Amazon Rekognition?	1/1 point
	○ True	
	False	
	✓ Correct	