Module 2 Quiz

LATEST SUBMISSION GRADE

100%

1. What data types are supported by Amazon Recognition? Select all that apply. **1 / 1 point**

- [x] Images

  ✓ **Correct**

- [x] Video

  ✓ **Correct**

- [ ] Audio
- [ ] Text

2. What is the recommended strategy for hyper parameter optimisation in Amazon SageMaker? **1 / 1 point**

- ( ) Grid Search
- ( ) Random Search
- (•) Bayesian Search
- ( ) Binary Tree Search

✓ **Correct**

3. Which frameworks come pre-installed on the Deep Learning AMI? Select all that apply. **1 / 1 point**

- [x] Apache MXNet

✓ **Correct**

- [x] Chainer

✓ **Correct**

- [x] PyTorch

✓ **Correct**

- [x] 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**

- (•) Amazon SageMaker Neo
- ( ) Amazon SageMaker Automatic Model Tuner
- ( ) Amazon Personalize
- ( ) AWS Auto Scaling

✓ **Correct**

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**

- (●) 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? **1 / 1 point**

- (●) Active Learning
- ( ) Unsupervised Learning
- ( ) Metric Learning
- ( ) Human Learning

✓ **Correct**

8. Which Amazon SageMaker built-in algorithms can be used for understanding images? **1 / 1 point**

- [ ] BlazingText
- [ ] DeepAR
- [x] Object Detection

✓ **Correct**

- [x] 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**