

# 10 SAMPLE EXAM QUESTIONS + COMPLETE ANSWER KEY



## AWS HIGH LEVEL AI/ML SERVICES

1. **You are working for a security company and you are tasked to build an image detection model to detect objects in the input video. Which AWS service can help with this issue?**
  - A Use AWS Athena
  - B Use AWS Rekognition
  - C Use AWS Comprehend
  - D Use AWS lex
  
2. **What is the easiest way to extract metadata from images in an open source library and at the same time it should be cost-effective?**
  - A Use AWS ObjectExtraction for extracting metadata
  - B Use Athena and Quicksight for extracting metadata
  - C Use AWS Comprehend for extracting metadata
  - D Use AWS Rekognition for extracting metadata
  
3. **You are working for a healthcare company and they are interest in providing remote diagnosis using ML image classification model and it is classified as mission critical. It is deployed using Sagemaker Hosting Services. How would you make sure its high availability?**
  - A Use EC2 for endpoint production variant
  - B Create a duplicate deployment spread across different regions to ensure its high availability
  - C Keep the endpoint production variant value of InitialInstanceCount to atleast 2
  - D Use EI for endpoint production variant

- 4. You want to build a sentiment analysis model for classifying the social media posts. Which AWS service would help with this?**
- A** AWS Transcribe
  - B** AWS Seq2seq
  - C** AWS Comprehend
  - D** AWS Transcript
- 5. You want to build a voice assistant for your application to hear and answer the customer queries. What would be the most efficient way to create a voice assistant that can understand natural language?**
- A** Use AWS Polly
  - B** Use AWS Lex
  - C** Use AWS Transcribe
  - D** Use AWS Seq2seq
- 6. You are working for a local guide company and you want to create application that contains guides in different languages. How can you get these different language narrations using AWS services?**
- A** You can use AWS LDA to translate the guide and use AWS Polly to create voice for the guide
  - B** You can use AWS Translate to translate the guide and use AWS Seq2Seq to create voice for the guide
  - C** You can use AWS LDA to translate the guide and use AWS Seq2Seq to create voice for the guide
  - D** You can use AWS Translate to translate the guide and use AWS Polly to create voice for the guide



- 7. You are given create captions for the video files that are being streamed on your site. Which AWS service would the most efficient way to convert speech to text?**
- A** AWS Polly
  - B** AWS Personalize
  - C** AWS Transcribe
  - D** AWS Translate
- 8. You are creating a model to detect edge cases in self-driving vehicle. But 90% of the data that you have does not contain the edge case scenario. How would you make the model perform better in edge cases?**
- A** You can use PCA
  - B** You can use SMOTE
  - C** You can use K-Means
  - D** You can use IOU
- 9. You want to build an e-commerce site for the client and the client wants a product recommendation system for his website. Which AWS service help you achieve this with ease?**
- A** AWS Personalize
  - B** AWS Lex
  - C** AWS Polly
  - D** AWS Transcribe



**10. You are working for a healthcare company and they are interest in providing remote diagnosis using ML image classification model and it is classified as mission critical. It is deployed using Sagemaker Hosting Services. How would you make sure its high availability?**

- A** Use EC2 for endpoint production variant
- B** Create a duplicate deployment spread across different regions to ensure its high availability
- C** Use EI for endpoint production variant
- D** Keep the endpoint production variant value of InitialInstanceCount to at least 2



## ANSWER KEY:

- |      |      |      |      |       |
|------|------|------|------|-------|
| 1. B | 2. D | 3. C | 4. C | 5. B  |
| 6. D | 7. C | 8. B | 9. A | 10. D |

