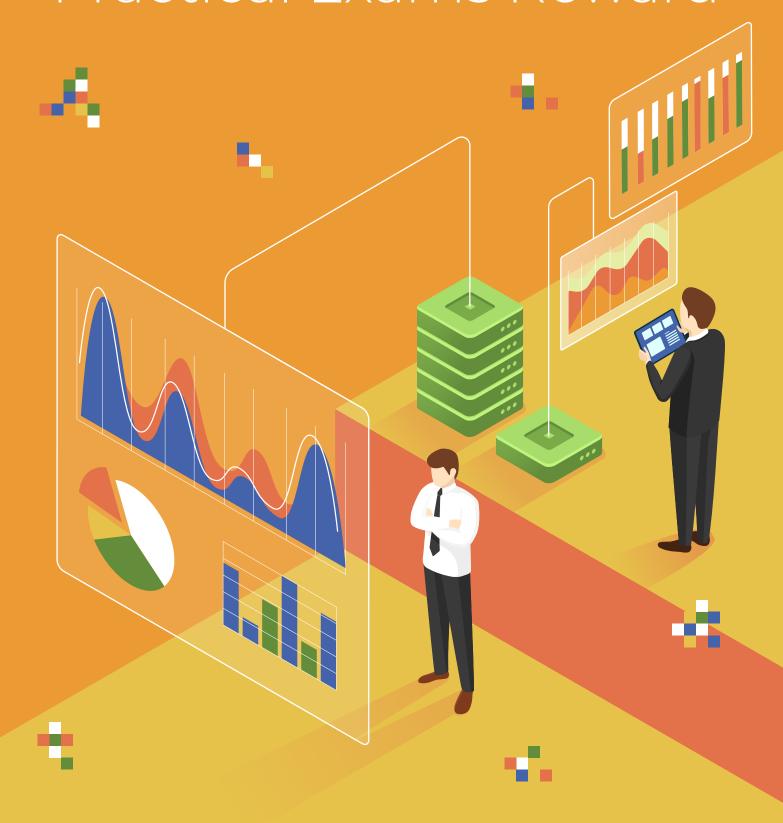# AWS Machine Learning
Practical Exams Reward

DATA ENGINEERING

1. **John is working a company and he has been given access to data with fixed schema and he is tasked to run SQL queries and transactions on that data. What is the most suitable data store for this kind of need?**

    A QuickSight

    B DocumentDB

    C DynamoDB

    D RDS

2. **Which amazon service helps you store raw data collected from a website traffic without having to structure it first?**

    A AWS datalake

    B AWS Data Pipeline

    C AWS Kinesis

    D AWS REDSHIFT

3. **Your company is using RedShift as its data warehouse. You are tasked to run some analytics and queries in the files, which one of the following would you choose?**

    A QuickShift

    B Apache Spark

    C Redshift Spectrum

    D Athena

4. You are working on an object detection project and your team has collected many images to train an artificial neural network. You are tasked with labeling the images. Which of the following AWS service can help you with this?

    A Data Labeling

    B Sagemaker Athena

    C RDS

    D Sagemaker Ground Truth

5. You have to use XML file containing image information in your project in AWS. What is the datatype of this data?

    A Structured data

    B Semi-structured data

    C Unstructured data

    D Relational Structured data

6. You have collected 10000 images in to train your image classifier. What is the type of this data?

    A Structured data

    B Semi-structured data

    C Unstructured data

    D Relational Structured data

7. The startup you are working on wants to store the data in a non-relational database in key-value pair as their data is unstructured and it has no data schema. Which AWS service is the best match for this criteria?

    A AWS RDS

    B DynamoDb

    C DocumentDb

    D AWS DMS

8. **Jack has uploaded his PDF and JPEG files to his S3 bucket. He wants to access his JPEG files only. What is the most effective way to download the JPEG files?**

    A He can't use S3 for this type of task

    B He can use AWS QUERY to get the JPEG files

    C He can manually select the required files one by one and download

    D He can use S3 SELECT to download the JPEG files

9. **Which amazon service helps you store both structured and unstructured data collected from your game application without any processing?**

    A AWS datalake

    B AWS Data Pipeline

    C AWS Kinesis

    D AWS REDSHIFT

10. **You want to analyze the unstructured data in an S3 data lake. Which AWS service can be used?**

    A QuickShift

    B Apache Spark

    C Redshift Spectrum

    D Streamer

ANSWER KEY:

1. D   2. A   3. C   4. D   5. B

6. C   7. B   8. D   9. A   10. C