

完璧なMLA-C01 | 権威のあるMLA-C01試験概要試験  
| 試験の準備方法AWS Certified Machine Learning  
Engineer - Associate問題数



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Amazon MLA-C01 認定試験の出題範囲:

| トピック   | 出題範囲                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| トピック 1 | <ul style="list-style-type: none"><li>• Data Preparation for Machine Learning (ML): This section of the exam measures skills of Forensic Data Analysts and covers collecting, storing, and preparing data for machine learning. It focuses on understanding different data formats, ingestion methods, and AWS tools used to process and transform data. Candidates are expected to clean and engineer features, ensure data integrity, and address biases or compliance issues, which are crucial for preparing high-quality datasets in fraud analysis contexts.</li></ul>              |
| トピック 2 | <ul style="list-style-type: none"><li>• ML Solution Monitoring, Maintenance, and Security: This section of the exam measures skills of Fraud Examiners and assesses the ability to monitor machine learning models, manage infrastructure costs, and apply security best practices. It includes setting up model performance tracking, detecting drift, and using AWS tools for logging and alerts. Candidates are also tested on configuring access controls, auditing environments, and maintaining compliance in sensitive data environments like financial fraud detection.</li></ul> |
| トピック 3 | <ul style="list-style-type: none"><li>• Deployment and Orchestration of ML Workflows: This section of the exam measures skills of Forensic Data Analysts and focuses on deploying machine learning models into production environments. It covers choosing the right infrastructure, managing containers, automating scaling, and orchestrating workflows through CI</li><li>• CD pipelines. Candidates must be able to build and script environments that support consistent deployment and efficient retraining cycles in real-world fraud detection systems.</li></ul>                 |

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| トピック 4 | <ul style="list-style-type: none"> <li>• <b>ML Model Development:</b> This section of the exam measures skills of Fraud Examiners and covers choosing and training machine learning models to solve business problems such as fraud detection. It includes selecting algorithms, using built-in or custom models, tuning parameters, and evaluating performance with standard metrics. The domain emphasizes refining models to avoid overfitting and maintaining version control to support ongoing investigations and audit trails.</li> </ul> |
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## >> MLA-C01試験概要 <<

### MLA-C01試験の準備方法 | 信頼的なMLA-C01試験概要試験 | ハイパスレートのAWS Certified Machine Learning Engineer - Associate問題数

試験に合格することは、Amazon試験問題と試験スキルの知識に基づいています。MLA-C01トレーニングクイズには、目的を同時に達成できる豊富なコンテンツがあります。レビューでは、高効率のAWS Certified Machine Learning Engineer - Associate実践教材が重要な役割を果たすことがわかっています。弊社の専門家も最新のコンテンツを収集し、試験のトレンドがどこに向かっているのか、実際にAWS Certified Machine Learning Engineer - Associate試験したいものを調査しています。シラバスと新しいトレンドを分析することで、MLA-C01練習エンジンは、参考のためにこの試験に完全に一致しています。したがって、Fast2testこの機会に取り組んでください。私たちの練習資料はあなたを失望させません。

### Amazon AWS Certified Machine Learning Engineer - Associate 認定 MLA-C01 試験問題 (Q66-Q71):

#### 質問 # 66

A company has a large, unstructured dataset. The dataset includes many duplicate records across several key attributes. Which solution on AWS will detect duplicates in the dataset with the LEAST code development?

- **A. Use the AWS Glue FindMatches transform to detect duplicates.**
- B. Use Amazon SageMaker Data Wrangler to pre-process and detect duplicates.
- C. Use Amazon Mechanical Turk jobs to detect duplicates.
- D. Use Amazon QuickSight ML Insights to build a custom deduplication model.

正解: A

#### 質問 # 67

A company has a large, unstructured dataset. The dataset includes many duplicate records across several key attributes. Which solution on AWS will detect duplicates in the dataset with the LEAST code development?

- **A. Use the AWS Glue FindMatches transform to detect duplicates.**
- B. Use Amazon SageMaker Data Wrangler to pre-process and detect duplicates.
- C. Use Amazon Mechanical Turk jobs to detect duplicates.
- D. Use Amazon QuickSight ML Insights to build a custom deduplication model.

正解: A

解説:

Scenario:The dataset contains duplicate records that need to be detected with minimal code development.  
Why FindMatches in AWS Glue?

\* Purpose-Built for Deduplication:The FindMatches transform in AWS Glue is specifically designed to identify duplicate records in structured or semi-structured datasets.

- \* Machine Learning-Based: It uses ML to identify duplicates based on configurable thresholds and provides flexibility for tuning accuracy.
  - \* Low Code Overhead: Minimal development effort is required as Glue provides an interactive console for configuring and running FindMatches transforms.
- Steps to Implement:
- \* Prepare the Data: Upload the unstructured dataset to an S3 bucket and define a schema if needed.
  - \* Create a Glue Job:
    - \* Use the AWS Glue Studio to create a job and select the FindMatches transform
    - \* Specify key attributes for deduplication.
  - \* Run and Evaluate: Execute the Glue job, and review the results for duplicates.
  - \* Resolve Duplicates: Export results to an S3 bucket or process them as needed.
- References:
- \* AWS Glue FindMatches Documentation
  - \* FindMatches Transform Example

### 質問 # 68

A company has deployed an ML model that detects fraudulent credit card transactions in real time in a banking application. The model uses Amazon SageMaker Asynchronous Inference.

Consumers are reporting delays in receiving the inference results.

An ML engineer needs to implement a solution to improve the inference performance. The solution also must provide a notification when a deviation in model quality occurs.

Which solution will meet these requirements?

- A. Use SageMaker Serverless Inference for inference. Use SageMaker Inference Recommender for notifications about model quality.
- B. Keep using SageMaker Asynchronous Inference for inference. Use SageMaker Inference Recommender for notifications about model quality.
- **C. Use SageMaker real-time inference for inference. Use SageMaker Model Monitor for notifications about model quality.**
- D. Use SageMaker batch transform for inference. Use SageMaker Model Monitor for notifications about model quality.

正解: C

### 質問 # 69

A company is developing a new online application to gather information from customers. An ML engineer has developed a new ML model that will determine a score for each customer. The model will use the score to determine which product to display to the customer. The ML engineer needs to minimize response-time latency for the model. How should the ML engineer deploy the application in Amazon SageMaker to meet these requirements?

- A. Configure batch transform.
- B. Configure an asynchronous inference endpoint.
- C. Configure a serverless inference endpoint.
- **D. Configure a real-time inference endpoint.**

正解: D

解説:

To minimize response-time latency, the ML model should be deployed to a real-time inference endpoint in Amazon SageMaker. This provides low-latency predictions by keeping the model loaded and ready to handle incoming requests, which is critical for an online application serving customers in real time.

### 質問 # 70

A company regularly receives new training data from the vendor of an ML model. The vendor delivers cleaned and prepared data to the company's Amazon S3 bucket every 3-4 days.

The company has an Amazon SageMaker pipeline to retrain the model. An ML engineer needs to implement a solution to run the pipeline when new data is uploaded to the S3 bucket.

Which solution will meet these requirements with the LEAST operational effort?

- 正解: D

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MLA-C01問題数: <https://jp.fast2test.com/MLA-C01-premium-file.html>

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