

MLA-C01関連復習問題集 & MLA-C01日本語版試験解答



P.S.It-PassportsがGoogle Driveで共有している無料の2026 Amazon MLA-C01ダンプ: <https://drive.google.com/open?id=1M15pVNau-jIF5kdGN7qsKQluECCcSvU>

いろいろな人はAmazonのMLA-C01試験が難しいと言うかもしれませんが、我々It-PassportsはAmazonのMLA-C01試験に合格するのは易しいと言いたいです。我々実力が強いITチームの提供するAmazonのMLA-C01ソフトはあなたに満足させることができます。あなたは我々のAmazonのMLA-C01ソフトの無料のデモをダウンロードしてやってみて安心して購入できます。我々はあなたのIT業界での発展にヘルプを提供できると希望します。

当社It-Passportsのすべての専門家および教授の唯一の目標は、すべての人々に最適で適切なMLA-C01学習教材を設計することです。多くの顧客のさまざまな要求に応じて、彼らはすべての顧客向けに3つの異なるバージョンのMLA-C01認定試験ガイド資料を設計しました: PDF、ソフト、およびAPPバージョン。弊社のMLA-C01試験問題を使用するすべての人がMLA-C01試験に合格し、関連する認定資格を取得できることを心から願っています。そして、MLA-C01試験問題の合格率は98%以上です。

>> MLA-C01関連復習問題集 <<

MLA-C01日本語版試験解答 & MLA-C01コンポーネント

MLA-C01練習資料は、MLA-C01試験に簡単に合格するのに役立ちます。MLA-C01の学習資料に雇われたIt-Passports業界の専門家は、理解しにくいすべての専門用語を例、図などで説明しています。MLA-C01の実際のテストで使用されるすべての言語は非常にシンプルで理解しやすいものでした。MLA-C01学習教材を使用すると、プロの本の内容を理解していないことを心配する必要はありません。また、家庭教師のクラスに行くために高価な授業料を費やす必要はありません。AWS Certified Machine Learning Engineer - AssociateのMLA-C01テストエンジンは、研究のすべての問題を解決するのに役立ちます。

Amazon AWS Certified Machine Learning Engineer - Associate 認定 MLA-C01 試験問題 (Q124-Q129):

質問 # 124

An ML engineer needs to deploy a trained model that is based on a genetic algorithm. The algorithm solves a complex problem and can take several minutes to generate predictions.

When the model is deployed, the model needs to access large amounts of data to process requests. The requests can involve as much as 100 MB of data.

Which deployment solution will meet these requirements with the LEAST operational overhead?

- A. Deploy the model to an Amazon SageMaker Asynchronous Inference endpoint.
- B. Package the model as a container. Deploy the model to Amazon Elastic Container Service (Amazon ECS) on Amazon EC2 instances.
- C. Deploy the model to an Amazon SageMaker real-time endpoint.
- D. Deploy the model to Amazon EC2 instances in an Auto Scaling group behind an Application Load Balancer.

正解: A

解説:

SageMaker Asynchronous Inference is designed for models with long processing times and large payloads. It can handle input data up to 1 GB and avoids holding open connections during long inference runs, reducing operational overhead compared to managing EC2 or ECS infrastructure.

This makes it the best fit for the genetic algorithm model that takes minutes and processes large requests.

質問 # 125

An ML engineer is working on an ML model to predict the prices of similarly sized homes. The model will base predictions on several features. The ML engineer will use the following feature engineering techniques to estimate the prices of the homes:

- * Feature splitting
- * Logarithmic transformation
- * One-hot encoding
- * Standardized distribution

Select the correct feature engineering techniques for the following list of features. Each feature engineering technique should be selected one time or not at all (Select three.)

正解:

解説:

Explanation:

- * City (name): One-hot encoding
 - * Type_year (type of home and year the home was built): Feature splitting
 - * Size of the building (square feet or square meters): Standardized distribution
 - * City (name): One-hot encoding
 - * Why? The "City" is a categorical feature (non-numeric), so one-hot encoding is used to transform it into a numeric format. This encoding creates binary columns for each unique category (e.g., cities like "New York" or "Los Angeles"), which the model can interpret.
 - * Type_year (type of home and year the home was built): Feature splitting
 - * Why? "Type_year" combines two pieces of information into one column, which could confuse the model. Feature splitting separates this column into two distinct features: "Type of home" and "Year built," enabling the model to process each feature independently.
 - * Size of the building (square feet or square meters): Standardized distribution
 - * Why? Size is a continuous numerical variable, and standardization (scaling the feature to have a mean of 0 and a standard deviation of 1) ensures that the model treats it fairly compared to other features, avoiding bias from differences in feature scale.
- By applying these feature engineering techniques, the ML engineer can ensure that the input data is correctly formatted and optimized for the model to make accurate predictions.

質問 # 126

Case Study

A company is building a web-based AI application by using Amazon SageMaker. The application will provide the following capabilities and features: ML experimentation, training, a central model registry, model deployment, and model monitoring. The application must ensure secure and isolated use of training data during the ML lifecycle. The training data is stored in Amazon S3.

The company is experimenting with consecutive training jobs.

How can the company MINIMIZE infrastructure startup times for these jobs?

- A. Use Managed Spot Training.
- **B. Use SageMaker managed warm pools.**
- C. Use the SageMaker distributed data parallelism (SMDDP) library.
- D. Use SageMaker Training Compiler.

正解: B

解説:

When running consecutive training jobs in Amazon SageMaker, infrastructure provisioning can introduce latency, as each job typically requires the allocation and setup of compute resources. To minimize this startup time and enhance efficiency, Amazon

SageMaker offers Managed Warm Pools.

Key Features of Managed Warm Pools:

Reduced Latency: Reusing existing infrastructure significantly reduces startup time for training jobs.

Configurable Retention Period: Allows retention of resources after training jobs complete, defined by the `KeepAlivePeriodInSeconds` parameter.

Automatic Matching: Subsequent jobs with matching configurations (e.g., instance type) can reuse retained infrastructure.

Implementation Steps:

Request Warm Pool Quota Increase: Increase the default resource quota for warm pools through AWS Service Quotas.

Configure Training Jobs:

Set `KeepAlivePeriodInSeconds` for the first training job to retain resources.

Ensure subsequent jobs match the retained pool's configuration to enable reuse.

Monitor Warm Pool Usage: Track warm pool status through the SageMaker console or API to confirm resource reuse.

Considerations:

Billing: Resources in warm pools are billable during the retention period.

Matching Requirements: Jobs must have consistent configurations to use warm pools effectively.

Alternative Options:

Managed Spot Training: Reduces costs by using spare capacity but doesn't address startup latency.

SageMaker Training Compiler: Optimizes training time but not infrastructure setup.

SageMaker Distributed Data Parallelism Library: Enhances training efficiency but doesn't reduce setup time.

By using Managed Warm Pools, the company can significantly reduce startup latency for consecutive training jobs, ensuring faster experimentation cycles with minimal operational overhead.

AWS Documentation: Managed Warm Pools

AWS Blog: Reduce ML Model Training Job Startup Time

質問 # 127

An ML engineer needs to run intensive model training jobs each month that can take 48-72 hours. The jobs can be interrupted and resumed. The engineer has a fixed budget and needs the most cost-effective compute option.

Which solution will meet these requirements?

- A. Purchase SageMaker AI Savings Plans.
- B. Purchase Reserved Instances with partial upfront payment.
- C. Purchase Spot Instances that use automated checkpoints.
- D. Purchase On-Demand Instances.

正解: C

解説:

Amazon EC2 Spot Instances provide unused compute capacity at discounts of up to 90%. AWS documentation strongly recommends Spot Instances for interruptible workloads such as long-running ML training jobs that can resume from checkpoints.

By enabling automatic checkpointing, SageMaker saves model state periodically to Amazon S3. If the Spot Instance is interrupted, training can resume with minimal loss of progress.

Reserved Instances and Savings Plans require long-term commitment and are not as cost-effective for sporadic workloads. On-Demand Instances are the most expensive option.

Therefore, Option D is the most cost-effective solution.

質問 # 128

A company is using Amazon SageMaker to create ML models. The company's data scientists need fine-grained control of the ML workflows that they orchestrate. The data scientists also need the ability to visualize SageMaker jobs and workflows as a directed acyclic graph (DAG). The data scientists must keep a running history of model discovery experiments and must establish model governance for auditing and compliance verifications.

Which solution will meet these requirements?

- A. Use AWS CodePipeline and its integration with SageMaker Studio to manage the entire ML workflows. Use SageMaker ML Lineage Tracking for the running history of experiments and for auditing and compliance verifications.
- B. Use SageMaker Pipelines and its integration with SageMaker Experiments to manage the entire ML workflows. Use SageMaker Experiments for the running history of experiments and for auditing and compliance verifications.
- C. Use AWS CodePipeline and its integration with SageMaker Experiments to manage the entire ML workflows. Use SageMaker Experiments for the running history of experiments and for auditing and compliance verifications.

- D. Use SageMaker Pipelines and its integration with SageMaker Studio to manage the entire ML workflows. Use SageMaker ML Lineage Tracking for the running history of experiments and for auditing and compliance verifications.

正解: D

質問 # 129

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我々は、失敗の言い訳ではなく、成功する方法を見つけます。あなたの利用するAmazonのMLA-C01試験のソフトが最も権威的なのを保障するために、我々It-Passportsの専門家たちはAmazonのMLA-C01試験の問題を研究して一番合理的な解答を整理します。AmazonのMLA-C01試験の認証はあなたのIT能力への重要な証明で、あなたの就職生涯に大きな影響があります。

MLA-C01日本語版試験解答: <https://www.it-passports.com/MLA-C01.html>

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大喜びの点ではビーナス夫人の期待どおりだったが、彼のあげた叫び声の内容は、それと少しちがっていた、ミノタウロスは頭がないためか、少し動くのに戸惑っているように見える、AmazonのMLA-C01の認証試験を準備しているあなたは、自分がトレーニングを選んで、しかも次の問題を受かったほうがいいです。

試験の準備方法-認定するMLA-C01関連復習問題集試験-最高のMLA-C01日本語版試験解答

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我々はあなたに試験問題と解答MLA-C01に含まれている全面的な試験資料を提供することができます。

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- Amazon MLA-C01 Exam | MLA-C01関連復習問題集 - 最高のものをあげる MLA-C01日本語版試験解答 □ □ www.goshiken.com □の無料ダウンロード▷ MLA-C01 ◁ページが開きますMLA-C01最新日本語版参考書
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