

Amazon MLA-C01인증 시험대비 공부문제 & MLA-C01 최신시험공부자료



그 외, DumpTOP MLA-C01 시험 문제집 일부가 지금은 무료입니다: https://drive.google.com/open?id=1F1lHyuQQILgS5QtckDe_g-dBUaLbhKla

그렇게 많은 IT인증덤프공부자료를 제공하는 사이트중 DumpTOP의 인지도가 제일 높은 원인은 무엇일까요?그건 DumpTOP의 제품이 가장 좋다는 것을 의미합니다. DumpTOP에서 제공해드리는 Amazon인증 MLA-C01덤프공부자료는 Amazon인증 MLA-C01실제시험문제에 초점을 맞추어 시험커버율이 거의 100%입니다. 이 덤프만 공부하시면 Amazon인증 MLA-C01시험패스에 자신을 느끼게 됩니다.

Amazon MLA-C01 시험요강:

주제	소개
주제 1	<ul style="list-style-type: none"> 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.
주제 2	<ul style="list-style-type: none"> ML Model Development: 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.
주제 3	<ul style="list-style-type: none"> 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 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.
주제 4	<ul style="list-style-type: none"> 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.

최근 인기시험 MLA-C01인증시험대비 공부문제 덤프데모문제

DumpTOP사이트에서 제공해드리는 Amazon MLA-C01덤프는 실러버스의 갱신에 따라 업데이트되기에 고객님의게서 구매하신 Amazon MLA-C01덤프가 시중에서 가장 최신버전임을 장담해드립니다. Amazon MLA-C01덤프의 문제와 답을 모두 기억하시면 Amazon MLA-C01시험에서 한방에 패스할 수 있습니다. 시험에서 불합격 받으시면 결제를 취소해드립니다.

최신 AWS Certified Associate MLA-C01 무료샘플문제 (Q190-Q195):

질문 # 190

A company runs an Amazon SageMaker domain in a public subnet of a newly created VPC. The network is configured properly, and ML engineers can access the SageMaker domain.

Recently, the company discovered suspicious traffic to the domain from a specific IP address. The company needs to block traffic from the specific IP address.

Which update to the network configuration will meet this requirement?

- A. Create a network ACL inbound rule to deny traffic from the specific IP address. Assign the rule to the default network ACL for the subnet where the domain is located.
- B. Create a shadow variant for the domain. Configure SageMaker Inference Recommender to send traffic from the specific IP address to the shadow endpoint.
- C. Create a VPC route table to deny inbound traffic from the specific IP address. Assign the route table to the domain.
- D. Create a security group inbound rule to deny traffic from the specific IP address. Assign the security group to the domain.

정답: A

설명:

Network ACLs (Access Control Lists) operate at the subnet level and allow for rules to explicitly deny traffic from specific IP addresses. By creating an inbound rule in the network ACL to deny traffic from the suspicious IP address, the company can block traffic to the Amazon SageMaker domain from that IP. This approach works because network ACLs are evaluated before traffic reaches the security groups, making them effective for blocking traffic at the subnet level.

질문 # 191

A company has a Retrieval Augmented Generation (RAG) application that uses a vector database to store embeddings of documents. The company must migrate the application to AWS and must implement a solution that provides semantic search of text files. The company has already migrated the text repository to an Amazon S3 bucket.

Which solution will meet these requirements?

- A. Use a custom Amazon SageMaker notebook to run a custom script to generate embeddings. Use SageMaker Feature Store to store the embeddings. Use SQL queries to perform the semantic searches.
- B. Use an Amazon Textract asynchronous job to ingest the documents from the S3 bucket. Query Amazon Textract to perform the semantic searches.
- C. Use the Amazon Kendra S3 connector to ingest the documents from the S3 bucket into Amazon Kendra. Query Amazon Kendra to perform the semantic searches.
- D. Use an AWS Batch job to process the files and generate embeddings. Use AWS Glue to store the embeddings. Use SQL queries to perform the semantic searches.

정답: C

질문 # 192

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 the SageMaker distributed data parallelism (SMDDP) library.

- B. Use Managed Spot Training.
- **C. Use SageMaker managed warm pools.**
- D. Use SageMaker Training Compiler.

정답: C

설명:

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

질문 # 193

A company is building a conversational AI assistant on Amazon Bedrock. The company is using Retrieval Augmented Generation (RAG) to reference the company's internal knowledge base. The AI assistant uses the Anthropic Claude 4 foundation model (FM). The company needs a solution that uses a vector embedding model, a vector store, and a vector search algorithm. Which solution will develop the AI assistant with the LEAST development effort?

- A. Use the AWS Glue Data Catalog metadata repository.
- B. Use Amazon RDS for PostgreSQL with the pgvector extension.
- C. Use Amazon Aurora PostgreSQL with the pgvector extension.
- **D. Use Amazon Kendra Experience Builder.**

정답: D

설명:

Amazon Kendra Experience Builder provides a fully managed, low-code solution for building conversational search and question-answering applications. AWS documentation states that Kendra natively supports semantic search, vector embeddings, and vector-based retrieval, making it well suited for RAG-style applications with minimal development effort.

When integrated with Amazon Bedrock, Kendra can act as the retrieval layer, handling document ingestion, indexing, embedding generation, and relevance ranking automatically. This eliminates the need to manually manage embedding models, vector databases, and search logic.

Options B and C require custom schema design, vector indexing, query logic, and operational management of PostgreSQL instances. Although pgvector supports vector search, it significantly increases development and maintenance effort. Option D is unrelated to vector search and is used only for metadata cataloging.

AWS explicitly positions Amazon Kendra as the fastest way to build enterprise-grade conversational assistants that integrate with foundation models.

Therefore, Option A is the correct and most AWS-aligned solution.

질문 # 194

An ML engineering team is spread across multiple locations. When the lead ML engineer opens an Amazon SageMaker AI notebook, the ML engineer does not see the latest merged notebook made by other team members from a Git repository. The lead ML engineer must see the latest SageMaker AI notebook updates. Which solution will meet this requirement?

- A. Run the !git commit command.
- B. Run the !git push origin master command.
- C. Run the !git branch command.
- D. Run the !git pull origin master command.

정답: D

설명:

Option A is correct because the issue is that the lead ML engineer's local notebook environment does not yet contain the latest merged changes from the shared Git repository. In Git, the operation used to fetch remote updates and merge them into the local branch is git pull . AWS documentation for SageMaker notebook collaboration explains that Git repositories can be associated with SageMaker notebook instances so distributed teams can share notebooks and collaborate in a source-control environment. AWS documentation is even more explicit in the SageMaker Git operations guide: to fetch notebooks committed by other users , you should do a pull from the project repository . That is exactly the situation described in the question. Other team members have already merged their notebook changes into the repository, and the lead engineer needs the latest notebook updates in the local SageMaker notebook environment. Therefore, running !git pull origin master is the correct command among the available choices. The other options do not solve the problem. git commit records local changes in the user's own repository history; it does not download new remote content. git push origin master uploads local commits to the remote repository; it is used when you want to send your own changes outward, not retrieve teammates' updates. git branch only lists or manages branches and does not synchronize notebook content. Because the requirement is to see the latest merged notebook made by others , the necessary operation is a pull from the remote repository. So the best verified answer is A .

질문 # 195

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