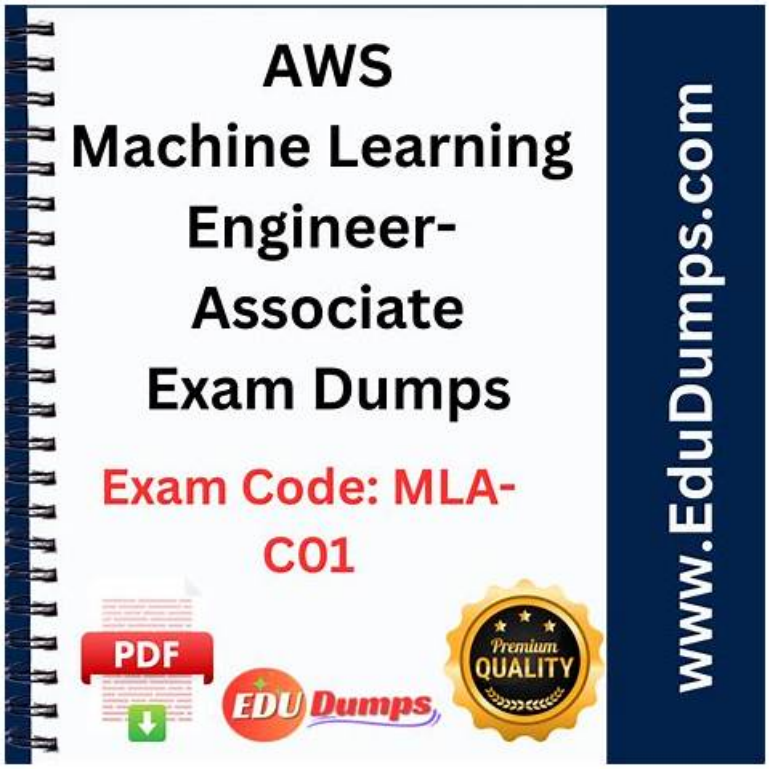
MLA-C01 Prüfungsvorbereitung, MLA-C01 Dumps Deutsch



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Nun gibt es viele IT-Profis in der ganzen Welt und die Konkurrenz der IT-Branche ist sehr hart. So viele IT-Profis entscheiden sich dafür, an der IT-Zertifizierungsprüfung teilzunehmen, um ihre Position in der IT-Branche zu verstärken. Die MLA-C01 Prüfung ist eine sehr wichtige Amazon-Zertifizierungsprüfung. Aber wenn Sie eine Amazon-Zertifizierung erhalten wollen, müssen Sie die Prüfung bestehen.

Amazon MLA-C01 Prüfungsplan:

Thema	Einzelheiten
Thema 1	• 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.
Thema 2	• 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.
Thema 3	• 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.

Thema 4	• 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.

>> MLA-C01 Prüfungsvorbereitung <<

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Wenn Sie die schwierige Amazon MLA-C01 Zertifizierungsprüfung bestehen wollen, ist es unmöglich für Sie bei der Vorbereitung keine richtige Schulungsunterlagen benutzen. Wenn Sie die ausgezeichnete Lernhilfe finden wollen, sollen Sie an DeutschPrüfung diese Prüfungsunterlagen suchen. Wir DeutschPrüfung haben sehr guten Ruf und haben viele ausgezeichnete Dumps zur Amazon MLA-C01 Prüfung. Und wir bieten kostenlose Demo aller verschieden Dumps. Wenn Sie suchen, ob DeutschPrüfung Dumps für Sie geeignet sind, können Sie zuerst die Demo herunterladen und probieren.

Amazon AWS Certified Machine Learning Engineer - Associate MLA-C01 Prüfungsfragen mit Lösungen (Q164-Q169):

164. Frage
A company runs an Amazon SageMaker AI domain in a public subnet of a newly created VPC. The network is configured properly, and ML engineers can access the SageMaker AI 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 security group inbound rule to deny traffic from the specific IP address. Assign the security group to the domain.
- B. Create a VPC route table to deny inbound traffic from the specific IP address. Assign the route table to the domain.
- C. 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.
- D. Create a shadow variant for the domain. Configure SageMaker Inference Recommender to send traffic from the specific IP address to the shadow endpoint.

Antwort: C

Begründung:
In AWS networking, security groups are stateful and allow-only, meaning they cannot explicitly deny traffic.
As a result, Option A is invalid. Network ACLs (NACLs), on the other hand, are stateless and support both allow and deny rules, making them the correct mechanism for blocking traffic from specific IP addresses.
Because the SageMaker AI domain is deployed in a public subnet, inbound traffic reaches the subnet before it reaches the resource.
AWS documentation states that NACLs are evaluated at the subnet level and are ideal for implementing IP-based blocking rules.
Route tables control routing paths, not traffic filtering, so Option D is incorrect. Option C is unrelated to network security and does not block traffic.
AWS best practices clearly recommend using network ACL deny rules when an explicit block is required for a specific IP address at the subnet boundary.
Therefore, Option B is the correct and AWS-aligned solution.

165. Frage
A company has a large collection of chat recordings from customer interactions after a product release. An ML engineer needs to create an ML model to analyze the chat data. The ML engineer needs to determine the success of the product by reviewing customer sentiments about the product.
Which action should the ML engineer take to complete the evaluation in the LEAST amount of time?

- A. Use Amazon Rekognition to analyze sentiments of the chat conversations.
- B. Train a Naive Bayes classifier to analyze sentiments of the chat conversations.
- C. Use Amazon Comprehend to analyze sentiments of the chat conversations.

- D. Use random forests to classify sentiments of the chat conversations.

Antwort: C

Begründung:
Amazon Comprehend is a fully managed natural language processing (NLP) service that includes a built-in sentiment analysis feature. It can quickly and efficiently analyze text data to determine whether the sentiment is positive, negative, neutral, or mixed. Using Amazon Comprehend requires minimal setup and provides accurate results without the need to train and deploy custom models, making it the fastest and most efficient solution for this task.

166. Frage
A company wants to build a real-time analytics application that uses streaming data from social media. An ML engineer must implement a solution that ingests and transforms 5 GB of data each minute. The solution also must load the data into a data store that supports fast queries for the real-time analytics. Which solution will meet these requirements?

- A. Use Amazon Simple Notification Service (Amazon SNS) to ingest the social media data. Use Amazon EMR to transform the data. Store the transformed data in Amazon RDS.
- B. Use Amazon Simple Queue Service (Amazon SQS) to ingest the social media data. Use AWS Lambda to transform the data. Store the transformed data in Amazon S3.
- C. Use Amazon EventBridge to ingest the social media data. Use AWS Glue to transform the data. Store the transformed data in Amazon ElastiCache (Memcached).
- D. Use Amazon Kinesis Data Streams to ingest the social media data. Use Amazon Managed Service for Apache Flink to transform the data. Store the transformed data in Amazon DynamoDB.

Antwort: D

Begründung:
Amazon Kinesis Data Streams is designed for high-throughput ingestion of streaming data such as social media feeds. Amazon Managed Service for Apache Flink enables real-time transformations on that data. Amazon DynamoDB provides low-latency reads and writes, making it suitable for fast queries in real-time analytics. This combination fully meets the scale and speed requirements.

167. Frage
A company has collected customer comments on its products, rating them as safe or unsafe, using decision trees. The training dataset has the following features: id, date, full review, full review summary, and a binary safe/unsafe tag. During training, any data sample with missing features was dropped. In a few instances, the test set was found to be missing the full review text field.
For this use case, which is the most effective course of action to address test data samples with missing features?

- A. Copy the summary text fields and use them to fill in the missing full review text fields, and then run through the test set.
- B. Generate synthetic data to fill in the fields that are missing data, and then run through the test set.
- C. Drop the test samples with missing full review text fields, and then run through the test set.
- D. Use an algorithm that handles missing data better than decision trees.

Antwort: A

Begründung:
In this case, a full review summary usually contains the most descriptive phrases of the entire review and is a valid stand-in for the missing full review text field.

168. Frage
A company needs to create a central catalog for all the company's ML models. The models are in AWS accounts where the company developed the models initially. The models are hosted in Amazon Elastic Container Registry (Amazon ECR) repositories. Which solution will meet these requirements?

- A. Create a new AWS account with a new ECR repository as the central catalog. Configure ECR cross-account replication between the initial ECR repositories and the central catalog.
- B. Use an AWS Glue Data Catalog to store the models. Run an AWS Glue crawler to migrate the models from the ECR repositories to the Data Catalog. Configure cross-account access to the Data Catalog.
- C. Use the Amazon SageMaker Model Registry to create a model group for models hosted in Amazon ECR. Create a new

AWS account. In the new account, use the SageMaker Model Registry as the central catalog. Attach a cross-account resource policy to each model group in the initial AWS accounts.

- D. Configure ECR cross-account replication for each existing ECR repository. Ensure that each model is visible in each AWS account.

Antwort: C

169. Frage

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