

MLA-C01 German & MLA-C01 Fragen Beantworten



Sind Sie einer von den vielen? Machen Sie sich noch Sorgen wegen den zahlreichen Kurse und Materialien zur Amazon MLA-C01 Zertifizierungsprüfung? Fast2test ist Ihnen eine weise Wahl, denn wir Ihnen die umfassendsten Prüfungsmaterialien bieten, die Fragen und Antworten und ausführliche Erklärungen beinhalten. Alle diesen werden Ihnen helfen, die Fachkenntnisse zu beherrschen. Wir sind selbstsicher, dass Sie die Amazon MLA-C01 Zertifizierungsprüfung bestehen. Das ist unser Versprechen an den Kunden.

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 Fragen Beantworten & MLA-C01 Fragen Und Antworten

Die Fragenkataloge von Fast2test enthalten die Lernmaterialien und Simulationsfragen zur Amazon MLA-C01 Zertifizierungsprüfung. Noch wichtiger bieten wir die originalen MLA-C01 Fragen Und Antworten.

Amazon AWS Certified Machine Learning Engineer - Associate MLA-C01 Prüfungsfragen mit Lösungen (Q43-Q48):

43. Frage

A company has an application that uses different APIs to generate embeddings for input text. The company needs to implement a solution to automatically rotate the API tokens every 3 months.

Which solution will meet this requirement?

- **A. Store the tokens in AWS Secrets Manager. Create an AWS Lambda function to perform the rotation.**
- B. Store the tokens in AWS Key Management Service (AWS KMS). Use an AWS managed key to perform the rotation.
- C. Store the tokens in AWS Systems Manager Parameter Store. Create an AWS Lambda function to perform the rotation.
- D. Store the tokens in AWS Key Management Service (AWS KMS). Use an AWS owned key to perform the rotation.

Antwort: A

44. Frage

A company is developing a new ML model that uses the XGBoost algorithm. The company will train the model on data that is stored in an Amazon S3 bucket. The data is in a nested JSON format.

An ML engineer needs to convert the JSON files into a tabular format.

Which solution will meet this requirement with the LEAST operational overhead?

- A. Write custom Scala code to convert the files. Use Amazon EMR Serverless to run the Scala code.
- B. Create an Amazon Athena database that is based on the JSON files. Use the Athena flatten function to convert the data.
- **C. Create an AWS Glue PySpark job that uses the Relationalize transform to convert the files.**
- D. Create an AWS Lambda function that uses a Python runtime and invokes the reduce() function to convert the files. Invoke the Lambda function.

Antwort: C

Begründung:

The AWS Glue PySpark Relationalize transform is purpose-built to convert nested JSON into tabular format with minimal operational overhead. It automates the flattening process without requiring custom code or complex infrastructure, making it the most efficient solution for preparing the data for XGBoost training.

45. Frage

A company wants to improve the sustainability of its ML operations.

Which actions will reduce the energy usage and computational resources that are associated with the company's training jobs? (Choose two.)

- A. Use PyTorch or TensorFlow with the distributed training option.
- B. Deploy models by using AWS Lambda functions.
- **C. Use Amazon SageMaker Debugger to stop training jobs when non-converging conditions are detected.**
- **D. Use AWS Trainium instances for training.**
- E. Use Amazon SageMaker Ground Truth for data labeling.

Antwort: C,D

46. Frage

A company has an ML model that uses historical transaction data to predict customer behavior.

An ML engineer is optimizing the model in Amazon SageMaker to enhance the model's predictive accuracy. The ML engineer must examine the input data and the resulting predictions to identify trends that could skew the model's performance across different demographics.

Which solution will provide this level of analysis?

- A. Use SageMaker Clarify to evaluate the model and training data for underlying patterns that might affect accuracy.
- B. Create AWS Lambda functions to automate data pre-processing and to ensure consistent quality of input data for the model.
- C. Create AWS Glue DataBrew recipes to correct the data based on statistics from the model output.
- D. Use Amazon CloudWatch to monitor network metrics and CPU metrics for resource optimization during model training.

Antwort: A

47. Frage

An advertising company uses AWS Lake Formation to manage a data lake. The data lake contains structured data and unstructured data. The company's ML engineers are assigned to specific advertisement campaigns.

The ML engineers must interact with the data through Amazon Athena and by browsing the data directly in an Amazon S3 bucket.

The ML engineers must have access to only the resources that are specific to their assigned advertisement campaigns.

Which solution will meet these requirements in the MOST operationally efficient way?

- A. Store users and campaign information in an Amazon DynamoDB table. Configure DynamoDB Streams to invoke an AWS Lambda function to update S3 bucket policies.
- B. Configure IAM policies on an AWS Glue Data Catalog to restrict access to Athena based on the ML engineers' campaigns.
- C. Configure S3 bucket policies to restrict access to the S3 bucket based on the ML engineers' campaigns.
- D. Use Lake Formation to authorize AWS Glue to access the S3 bucket. Configure Lake Formation tags to map ML engineers to their campaigns.

Antwort: D

48. Frage

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Sind Sie ein IT-Mann? Haben Sie sich an der populären IT-Zertifizierungsprüfung beteiligt? Wenn ja, würde ich Ihnen sagen, dass Sie wirklich glücklich sind. Unsere Schulungsunterlagen zur Amazon MLA-C01 Zertifizierungsprüfung von Fast2test werden Ihnen helfen, die Amazon MLA-C01 Prüfung 100% zu bestehen. Das ist eine echte Nachricht. Wollen Sie Fortschritte in der IT-Branche machen, wählen Sie doch Fast2test. Unsere Amazon MLA-C01 Dumps können Ihnen zum Bestehen allen Zertifizierungsprüfungen verhelfen. Sie sind außerdem billig. Wenn Sie nicht glauben, gucken Sie mal und Sie werden das Wissen.

MLA-C01 Fragen Beantworten: <https://de.fast2test.com/MLA-C01-premium-file.html>

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