

Amazon MLA-C01在線考題 - MLA-C01證照考試



Amazon MLA-C01 AWS Certified Machine Learning Engineer - Associate

Questions & Answers PDF
(Demo Version – Limited Content)

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當前 Amazon 作為企業資訊解決方案的重要性及緊要性與日俱增，相關的工作機會將會越來越多，對技術能力的要求也越來越被企業作為面試的一個標準，所以不管在哪個行業，Amazon 工作者都必須不斷自我學習、接受訓練課程或是參加各式的專業認證來充實自己，使自己在工作上可以更加得心應手。而通過了 Amazon MLA-C01 認證考試，證明你的 IT 專業知識很強，有很強的能力，可以勝任一份很好的工作。

當然，當你在尋找 MLA-C01 考試資料的時候，肯定也會找到其他很多不同的資料。但是，經過調查或者親身試用你就會發現，Fast2test 的資料是最適合你的考試準備工具。Fast2test 的資料是專門為了沒有足夠的時間準備 MLA-C01 考試的考生們而開發的。它可以讓你在準備考試時節省更多的時間。而且，這個資料可以保證你一次通過考試。另外，Fast2test 的資料是隨時在更新的。如果考試大綱和內容有變化，Fast2test 可以給你最新的消息。

>> Amazon MLA-C01在線考題 <<

最受推薦的 MLA-C01 在線考題，真實還原 Amazon MLA-C01 考試內容

MLA-C01 專業認證是一項擁有極高國際聲譽的專業認證，獲取 MLA-C01 全球專業認證，既是你自身技術能力的體現，也將幫助你開創美好的未來，在激烈的競爭中處於領先位置。有很多已經通過了一些 IT 認證考試的人使用了 Fast2test 提供的練習題和答案，其中也有通過 MLA-C01 認證考試，他們也是利用的這個，Amazon MLA-C01 考題包括 PDF 格式和模擬考試測試版本兩種，方便考生利用最新的擬真試題仔細地複習備考。

Amazon MLA-C01 考試大綱：

主題	簡介

主題 1	<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.
主題 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.
主題 3	<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.
主題 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.

最新的 AWS Certified Associate MLA-C01 免費考試真題 (Q37-Q42):

問題 #37

A machine learning team has several large CSV datasets in Amazon S3. Historically, models built with the Amazon SageMaker Linear Learner algorithm have taken hours to train on similar-sized datasets. The team's leaders need to accelerate the training process.

What can a machine learning specialist do to address this concern?

- A. Use Amazon Machine Learning to train the models.
- **B. Use Amazon SageMaker Pipe mode.**
- C. Use AWS Glue to transform the CSV dataset to the JSON format.
- D. Use Amazon Kinesis to stream the data to Amazon SageMaker.

答案: B

解題說明:

Amazon SageMaker Pipe mode streams the data directly to the container, which improves the performance of training jobs. In Pipe mode, your training job streams data directly from Amazon S3. Streaming can provide faster start times for training jobs and better throughput. With Pipe mode, you also reduce the size of the Amazon EBS volumes for your training instances.

問題 #38

An ML engineer receives datasets that contain missing values, duplicates, and extreme outliers.

The ML engineer must consolidate these datasets into a single data frame and must prepare the data for ML.

Which solution will meet these requirements?

- A. Manually import and merge the datasets. Consolidate the datasets into a single data frame. Use Amazon SageMaker data labeling to prepare the data.
- B. Manually import and merge the datasets. Consolidate the datasets into a single data frame. Use Amazon Q Developer to generate code snippets that will prepare the data.
- C. Use Amazon SageMaker Ground Truth to import the datasets and to consolidate them into a single data frame. Use the human-in-the-loop capability to prepare the data.
- **D. Use Amazon SageMaker Data Wrangler to import the datasets and to consolidate them into a single data frame. Use the**

cleansing and enrichment functionalities to prepare the data.

答案： D

問題 #39

An ML engineer needs to use data with Amazon SageMaker Canvas to train an ML model. The data is stored in Amazon S3 and is complex in structure. The ML engineer must use a file format that minimizes processing time for the data.

Which file format will meet these requirements?

- A. JSON objects in JSONL format
- B. JSON files compressed with gzip
- C. Apache Parquet files
- D. CSV files compressed with Snappy

答案： C

解題說明：

Apache Parquet is a columnar storage file format optimized for complex and large datasets. It provides efficient reading and processing by accessing only the required columns, which reduces I/O and speeds up data handling. This makes it ideal for use with Amazon SageMaker Canvas, where minimizing processing time is important for training ML models. Parquet is also compatible with S3 and widely supported in data analytics and ML workflows.

問題 #40

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 an Amazon Textract asynchronous job to ingest the documents from the S3 bucket. Query Amazon Textract to perform the semantic searches.
- B. 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.
- C. 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.
- 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.

答案： B

問題 #41

A company is interested in building a fraud detection model. Currently, the data scientist does not have a sufficient amount of information due to the low number of fraud cases.

Which method is MOST likely to detect the GREATEST number of valid fraud cases?

- A. Oversampling using SMOTE
- B. Undersampling
- C. Oversampling using bootstrapping
- D. Class weight adjustment

答案： A

解題說明：

With datasets that are not fully populated, the Synthetic Minority Over-sampling Technique (SMOTE) adds new information by adding synthetic data points to the minority class. This technique would be the most effective in this scenario.

問題 #42

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