

Exam DSA-C03 Papers - Sample DSA-C03 Test Online

AWS Certified Solutions Architect - Associate (SAA-C03)
Sample Exam Questions

1) A company runs a public-facing three-tier web application in a VPC across multiple Availability Zones. Amazon EC2 instances for the application tier running in private subnets need to download software patches from the Internet. However, the EC2 instances cannot be directly accessible from the Internet. Which actions should be taken to allow the EC2 instances to download the needed patches? (Select TWO.)

- A) Configure a NAT gateway in a public subnet.
- B) Define a custom route table with a route to the NAT gateway for Internet traffic and associate it with the private subnets for the application tier.
- C) Assign Elastic IP addresses to the EC2 instances.
- D) Define a custom route table with a route to the Internet gateway for Internet traffic and associate it with the private subnets for the application tier.
- E) Configure a NAT instance in a private subnet.

2) A solutions architect wants to design a solution to save costs for Amazon EC2 instances that do not need to run during a 2-week company shutdown. The applications running on the EC2 instances store data in instance memory that must be present when the instances resume operation. Which approach should the solutions architect recommend to shut down and resume the EC2 instances?

- A) Modify the application to store the data on instance store volumes. Reattach the volumes while restarting them.
- B) Snapshot the EC2 instances before stopping them. Restore the snapshot after restarting the instances.
- C) Run the applications on EC2 instances enabled for hibernation. Hibernate the instances before the 2-week company shutdown.
- D) Note the Availability Zone for each EC2 instance before stopping it. Restart the instances in the same Availability Zones after the 2-week company shutdown.

3) A company plans to run a monitoring application on an Amazon EC2 instance in a VPC. Connections are made to the EC2 instance using the instance's private IPv4 address. A solutions architect needs to design a solution that will allow traffic to be quickly directed to a standby EC2 instance if the application fails and becomes unreachable. Which approach will meet these requirements?

- A) Deploy an Application Load Balancer configured with a listener for the private IP address and register the primary EC2 instance with the load balancer. Upon failure, de-register the instance and register the standby EC2 instance.
- B) Configure a custom DHCP option set. Configure DHCP to assign the same private IP address to the standby EC2 instance when the primary EC2 instance fails.
- C) Attach a secondary elastic network interface to the EC2 instance configured with the private IP address. Move the network interface to the standby EC2 instance if the primary EC2 instance becomes unreachable.
- D) Associate an Elastic IP address with the network interface of the primary EC2 instance. Disassociate the Elastic IP from the primary instance upon failure and associate it with a standby EC2 instance.

2026 Latest PassReview DSA-C03 PDF Dumps and DSA-C03 Exam Engine Free Share: https://drive.google.com/open?id=12eHZ30bH6_g9IkflPXToezkXJAFpL9jC

Our DSA-C03 test prep is of high quality. The passing rate and the hit rate are both high. The passing rate is about 98%-100%. We can guarantee that you have a very high possibility to pass the exam. The DSA-C03 guide torrent is compiled by the experts and approved by the professionals with rich experiences. The DSA-C03 prep torrent is the products of high quality compiled elaborately and gone through strict analysis and summary according to previous exam papers and the popular trend in the industry. The language is simple and easy to be understood. It makes any learners have no learning obstacles and the DSA-C03 Guide Torrent is appropriate whether he or she is the student or the employee, the novice or the personnel with rich experience and do the job for many years.

With these adjustable SnowPro Advanced: Data Scientist Certification Exam (DSA-C03) mock exams, you can focus on weaker concepts that need improvement. This approach identifies your mistakes so you can remove them to master the DSA-C03 exam questions of PassReview give you a comprehensive understanding of DSA-C03 Real Exam format. Self-evaluation by taking practice exams makes your Snowflake DSA-C03 exam preparation flawless and strengthens enough to crack the test in one go.

>> Exam DSA-C03 Papers <<

Sample DSA-C03 Test Online, DSA-C03 Latest Test Answers

Begin Your Preparation with Snowflake DSA-C03 Real Questions. The PassReview is a reliable platform that is committed to making your preparation for the Snowflake DSA-C03 examination easier and more effective. To meet this objective, the PassReview is offering updated and real Understanding SnowPro Advanced: Data Scientist Certification Exam exam dumps. These Snowflake DSA-C03 Exam Questions are approved by experts.

Snowflake SnowPro Advanced: Data Scientist Certification Exam Sample Questions (Q240-Q245):

NEW QUESTION # 240

A financial institution is analyzing transaction data in Snowflake to detect fraudulent activity. They have a 'Transaction_Amount' column. They want to binarize this feature, creating a new 'Is_High_Value' column. Transactions with amounts greater than \$1000 should be marked as 1 (High Value), and all other transactions (including NULLs) should be marked as 0. Which of the following SQL statements would be the MOST efficient and correct way to achieve this in Snowflake?

- A. Option E
- B. Option C
- C. Option B
- D. Option D
- E. Option A

Answer: D

Explanation:

The 'IIF' function in Snowflake provides a concise and efficient way to perform conditional logic. It's specifically designed for this type of binary assignment. Options A would not handle NULL values correctly, potentially resulting in NULL 'Is_High_Value' entries. Options B and C are correct, but using a Numeric column (Option D) might be preferred in some ML models. Options E is more complex and less readable for a simple binarization task. Therefore, option D using IIF for a numeric binarized column, making it preferable in some scenarios for ML training.

NEW QUESTION # 241

You are exploring a large dataset of website user behavior in Snowflake to identify patterns and potential features for a machine learning model predicting user engagement. You want to create a visualization showing the distribution of 'session_duration' for different 'user_segments'. The 'user_segments' column contains categorical values like 'New', 'Returning', and 'Power User'. Which Snowflake SQL query and subsequent data visualization technique would be most effective for this task?

- A. Query: 'SELECT COUNT(), user_segments FROM user_behavior GROUP BY user_segments;' Visualization: Pie chart showing proportion of each segment.
- B. Query: 'SELECT session_duration FROM user_behavior WHERE user_segments = 'New';' (repeated for each user segment). Visualization: Overlayed histograms showing the distribution of session duration for each user segment on the same axes.
- C. Query: 'SELECT user_segments, APPROX(0.25), APPROX(0.5), APPROX_PERCENTILE(session_duration, 0.75) FROM user_behavior GROUP BY user_segments;' Visualization: Scatter plot where each point represents a user segment and the x,y coordinates represent session duration at 25th and 75th percentiles respectively.
- D. Query: 'SELECT user_segments, AVG(session_duration) FROM user_behavior GROUP BY user_segments;' Visualization: Bar chart showing average session duration for each user segment.
- E. Query: 'SELECT user_segments, MEDIAN(session_duration) FROM user_behavior GROUP BY user_segments;' Visualization: Box plot showing the distribution (quartiles, median, outliers) of session duration for each user segment.

Answer: E

Explanation:

Using the Median (option B) provides a better central tendency measure than the average (option A) when the data may have outliers. The box plot effectively visualizes the distribution, including quartiles and outliers. Option C involves generating separate queries and histograms, which is less efficient. Calculating quantiles using 'APPROX_PERCENTILE' (Option D) is good for large datasets, but the resulting scatter plot isn't the best way to show distribution. Pie chart does not show distribution but proportions.

NEW QUESTION # 242

You are working with a Snowflake table named 'CUSTOMER DATA' that contains personally identifiable information (PII), including customer names, email addresses, and phone numbers. Your team needs to perform exploratory data analysis on this data to understand customer demographics and behavior. However, you must ensure that the PII is protected and that only authorized personnel can access the sensitive information. Which of the following strategies should you implement in Snowflake to achieve secure EDA?

- A. Create a view on top of that excludes the PII columns (e.g., name, email, phone). Grant 'SELECT' privileges on this view to data scientists. Also implement data masking policies on the 'CUSTOMER DATA' table for the PII columns and grant 'SELECT' on the table to specific roles requiring access to the masked values.
- B. Grant 'SELECT' privileges on the 'CUSTOMER DATA' table to all data scientists, and rely on them to avoid querying PII columns directly.

- C. Create a copy of the 'CUSTOMER DATA table without the PII columns and grant 'SELECT' privileges on this copy to the data scientists. Use masking policies on the original table.
- D. Apply dynamic data masking to the entire 'CUSTOMER_DATA' table, masking all columns by default, and provide decryption keys only to authorized users.
- E. Use transient tables to store the customer data after PII is obfuscated, drop the table and reload new data daily.

Answer: A,C

Explanation:

Options B and E are both valid strategies. Option B provides a view with non-PII data, while using masking policies on the table. Option E creates a copy of the 'CUSTOMER_DATR' table and leverages masking on original table. Option A is insecure. Option C while obfuscating the PII, will lead to data loss and will be costly to move the data. Option D isn't practical, it would overly restrict access.

NEW QUESTION # 243

You are evaluating a binary classification model built in Snowflake for predicting customer churn. You have access to the model's predictions on a holdout dataset, and you want to use both the ROC curve and the confusion matrix to comprehensively assess its performance. Which of the following statements regarding the interpretation and use of ROC curves and confusion matrices are correct in this scenario?

- A. While the ROC curve is independent of the class distribution, the metrics derived from the confusion matrix (e.g., precision, recall) can be significantly affected by imbalanced datasets.
- B. The confusion matrix allows you to calculate precision, recall, F1-score, and accuracy, which are all useful for understanding the model's performance in terms of correctly and incorrectly classified instances.
- C. The ROC curve visualizes the trade-off between true positive rate (sensitivity) and false negative rate (1 - specificity) at various threshold settings.
- D. In Snowflake, you can generate ROC curves and confusion matrices directly using the 'SYSTEM\$PREDICT' function with appropriate parameters and visualizing the results using a tool like Snowsight or Tableau.
- E. The area under the ROC curve (AUC) provides a single scalar value representing the overall discriminatory power of the model, with a higher AUC indicating better performance. An AUC of 0.5 indicates that the model performs no better than random chance.

Answer: A,B,E

Explanation:

Options B, C, and D are correct. Option A is incorrect because the ROC curve plots the True Positive Rate (Sensitivity) against the False Positive Rate (1 - Specificity). Option E is partially correct in the sense that you can use SYSTEM\$PREDICT but it requires extra data processing steps and the result may need formatting using other Snowflake functionalities or external tools (Snowsight, Tableau) for complete visualization as a ROC or Confusion Matrix.

NEW QUESTION # 244

A data science team is tasked with deploying a pre-built anomaly detection model in Snowflake to identify fraudulent transactions. They need to use Snowflake ML functions and a Snowflake Native App (that houses the model) to achieve this. The Snowflake Native App is installed and available. The transaction data is stored in a table called 'TRANSACTIONS'. Which of the following steps are essential to successfully deploy and use this pre-built model within a User Defined Function (UDF) for real-time scoring, assuming the app provides a function named 'ANOMALY SCORE'?

- A. Grant the USAGE privilege on the Snowflake Native App to the role executing the UDF. This ensures the UDF can access the app's functionality.
- B. Ensure the 'TRANSACTIONS' table is shared with the Snowflake Native App's container so the model can directly access the data.
- C. Create an external function in API Integration instead of UDF.
- D. Train the pre-built anomaly detection model using Snowflake's ML functions (e.g., 'CREATE MODELS') with the 'TRANSACTIONS' data before creating the UDF
- E. Create a UDF that calls the 'ANOMALY_SCORE' function provided by the Snowflake Native App, passing the relevant transaction features as arguments.

Answer: A,E

Explanation:

Options A and B are correct. A UDF is required to call the function from the Native App and to expose the model's functionality for scoring. Granting 'USAGE' on the app to the executing role is necessary for the UDF to access the app's functions. Option C is incorrect because UDFs pass data as arguments, avoiding the need to share tables directly. Option D is incorrect since you're using pre-built model, training isn't needed. Option E is incorrect since it specifically asks for UDF with a Snowflake Native App.

NEW QUESTION # 245

.....

In modern society, we are busy every day. So the individual time is limited. The fact is that if you are determined to learn, nothing can stop you! You are lucky enough to come across our DSA-C03 exam materials. We can help you improve in the shortest time on the DSA-C03 exam. Even you do not know anything about the DSA-C03 Exam. It absolutely has no problem. You just need to accept about twenty to thirty hours' guidance, it is easy for you to take part in the exam. As you can see, our DSA-C03 practice exam will not occupy too much time.

Sample DSA-C03 Test Online: https://www.passreview.com/DSA-C03_exam-braindumps.html

The questions and answers format of our dumps is rich with information and provides you also Sample DSA-C03 Test Online - SnowPro Advanced: Data Scientist Certification Exam Exam latest lab help, enhancing your exam skills, It has been generally accepted that the DSA-C03 Test Questions SnowPro Advanced study questions are of significance for a lot of people to pass the exam and get the related certification, Snowflake Exam DSA-C03 Papers Shorter practice time for test.

Try reading the section above out loud to yourself and Latest DSA-C03 Test Pdf imagine whether you'd still be able to understand the contents of this table if you could not see the screen.

Programming and Job Experience: Everything from punch cards to ClojureScript, Sample DSA-C03 Test Online The questions and answers format of our dumps is rich with information and provides you also SnowPro Advanced: Data Scientist Certification Exam Exam latest lab help, enhancing your exam skills.

Excel In The Snowflake DSA-C03 Exam With Accurate Web-Based Practice Tests

It has been generally accepted that the DSA-C03 Test Questions SnowPro Advanced study questions are of significance for a lot of people to pass the exam and get the related certification.

Shorter practice time for test, First and foremost, there is demo in the PDF version DSA-C03 and customers are allowed to download it to have the pre-trying experience, As long as you choose appropriate methods, 100% pass exam is not impossible.

- Authentic DSA-C03 Exam Questions DSA-C03 Exam Questions And Answers Exam DSA-C03 Learning Search for 『 DSA-C03 』 on ➡ www.pdfdumps.com immediately to obtain a free download Valid DSA-C03 Study Guide
- Pass Guaranteed 2026 DSA-C03: Authoritative Exam SnowPro Advanced: Data Scientist Certification Exam Papers Easily obtain free download of ➡ DSA-C03 by searching on ➡ www.pdfvce.com Test DSA-C03 Dump
- Brain DSA-C03 Exam Exam Dumps DSA-C03 Collection Authentic DSA-C03 Exam Questions Search for 「 DSA-C03 」 on ✓ www.vce4dumps.com ✓ immediately to obtain a free download Test DSA-C03 Dump
- Useful and reliable DSA-C03 training dumps - high-quality Snowflake DSA-C03 training material Copy URL 「 www.pdfvce.com 」 open and search for " DSA-C03 " to download for free Valid DSA-C03 Study Guide
- Useful and reliable DSA-C03 training dumps - high-quality Snowflake DSA-C03 training material Copy URL 『 www.vce4dumps.com 』 open and search for 『 DSA-C03 』 to download for free Authentic DSA-C03 Exam Questions
- Pass Guaranteed 2026 DSA-C03: Authoritative Exam SnowPro Advanced: Data Scientist Certification Exam Papers Download ⚡ DSA-C03 ⚡ for free by simply searching on www.pdfvce.com Latest DSA-C03 Practice Materials
- Free PDF Quiz DSA-C03 - Trustable Exam SnowPro Advanced: Data Scientist Certification Exam Papers Open ➡ www.prep4away.com and search for DSA-C03 to download exam materials for free DSA-C03 Valid Exam Registration
- DSA-C03 Exam Questions And Answers DSA-C03 Exam Questions And Answers DSA-C03 Latest Braindumps Ppt Easily obtain free download of (DSA-C03) by searching on ⚡ www.pdfvce.com ⚡ Exam Dumps DSA-C03 Collection
- DSA-C03 Exam Questions And Answers Brain DSA-C03 Exam New DSA-C03 Test Labs Go to website 『

DOWNLOAD the newest PassReview DSA-C03 PDF dumps from Cloud Storage for free: https://drive.google.com/open?id=12eHZ30bH6_g9IkflPXToezkXJAfpL9jC