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#1 Big Data & Analytics Certification Guide

SAS A00-223

SAS DATA CURATION CERTIFICATION QUESTIONS & ANSWERS

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A00-223

SAS Certified Professional - Data Curation for SAS Data Scientists

65-72 Questions Exam – 67% Cut Score – Duration of 110 minutes

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Discover More about the A00-223 Certification

Are you interested in passing the SAS A00-223 exam? First discover, who benefits from the A00-223 certification. The A00-223 is suitable for a candidate if he wants to learn about Data Management. Passing the A00-223 exam earns you the SAS Certified Professional - Data Curation for SAS Data Scientists title.

While preparing for the A00-223 exam, many candidates struggle to get the necessary materials. But do not worry; your struggling days are over. The A00-223 PDF contains some of the most valuable preparation tips and the details and instant access to useful **A00-223 study materials just at one click.**

A00-223 SAS Data Curation Certification Details:

Exam Name	SAS Certified Professional - Data Curation for SAS Data Scientists
Exam Code	A00-223
Exam Duration	110 minutes
Exam Questions	65-72
Passing Score	67%
Exam Price	$180 (USD)
Training	Introduction to Data Curation for SAS® Data Scientists SAS® Data Management Tools and Applications SAS® and Hadoop Additional SAS® Data Management Tools and Applications
Exam Registration	**Pearson VUE**
Sample Questions	**SAS Data Curation Certification Sample Question**
Practice Exam	**SAS Data Curation Certification Practice Exam**

A00-223 Syllabus:

Objective	Details
Working with SAS Data Integration Studio (20%)	
Describe SAS Data Integration Studio basics	- Navigate the interface. - Investigate global options. - Navigate SAS folders tree. - Investigate SAS Metadata.
Create Metadata for Source Data	- Define administrative tasks to be performed for SAS Data Integration Studio. - Describe the New Library Wizard. - Use Register Tables wizard to register source data. - Register metadata for external files.
Create Metadata for Target Data and Jobs	- Describe features of the New Table wizard. - Investigate steps for building a job. - Discuss components of Join's Designer window. - Create a custom transformation. - Investigate various transformations (Extract, Summary Statistics, Join, Set Operators, Splitter)
Ensure the accuracy of data (20%)	
Describe the structure of the SAS Quality Knowledge Base	- Describe the QKB component files. - Describe various definition types.
Use DataFlux Data Management Studio	- Create and review data profiles. - Create data jobs for data improvement. - Apply QKB components to address data quality issues. - Use data enrichment to create categorical data elements.
Use SAS Data Quality Server	- Configure SAS to the QKB - Use procedures and functions
Techniques for Working with Big Data (40%)	
Describe the key concepts of the Hadoop ecosystem	- Describe the Hadoop architecture - Describe HDFS, MapReduce and YARN - Use HUE
Query and manage Hadoop data using Hive and HiveQL	- Explain the functionality of Hive - Use the HiveQL Data Definition Language - Explain the Hive SerDes and storage formats - Query Hive Table using HiveQL
Query and Manage Hadoop Data	- Explain the functionality of Pig - Describe the anatomy of a Pig script

Objective	Details
using Pig and Pig Latin	- Use Pig Latin to manage HDFS data - Describe Pig User Defined Functions
Access HDFS and Invoke Hadoop Applications from SAS	- Invoking Pig programs with PROC HADOOP - Executing HDFS commands from SAS programs - Transfer data between SAS and Hadoop - Using data step to read and write HDFS data
Use the SAS/ACCESS SQL Pass-thru Facility	- Access Hive data using explicit SQL pass-through - Investigate hive metadata - Create SQL procedure pass-through queries - Create and load hive table with SQL pass-through EXECUTE statements - Resolve hive string data type issues in SAS
Use the SAS/ACCESS Libname Engine	- Use the SAS language to process Hive tables - Assess and maximize performance use of the SAS/Access libname engine - Query Hive table to create SAS reports, views, and tables - Create Hive tables
Use DS2 Programming to manage Hadoop data	- Write DS2 programs - Read data using DS2 - Work with variables, arrays, and ANSI SQL data types - Use expressions and functions in DS2 programs - Work with Methods, Packages, and Threads
Use SAS Data Loader to manage Hadoop data	- Explain the functionality of SAS Data Loader for Hadoop - Explain the use of directives to ingest data into Hadoop - Work with transformations to cleanse data in Hadoop - Work with directives to blend data in Hadoop - Create job flows using directives
Special Data Management Topics (20%)	
Connect to data using SAS/ACCESS	- Describe SAS/ACCESS software - Describe methods for accessing relational database data - Explain performance considerations in using SAS/ACCESS methods - Assess efficiency of SAS/ACCESS methods used during code development
Virtualize data with SAS Federation Server	- What is Data Federation, Data Virtualization, and Data Disclosure? - Working with the SAS Federation Server - Configuring Data Services and Connections to Disparate Data Sources - Creating Federation SQL Views, Caches, and DS2 Queries - Working with SAS Federation Server Security - Accessing Data on SAS Federation Server Data

Objective	Details
Process IoT Streams in Real Time with SAS Event Stream Processing	- Introduction to SAS Event Stream Processing - Build SAS Event Stream Processing Models - Use SAS Event Stream Processing Studio - Use SAS Event Stream Processing Windows - Use SAS Event Stream Processing Connectors and Adapters
Work with SAS Data Governance technologies	- Explain Data Governance and the Data Governance Life Cycle - Use SAS Business Data Network to manage the business data glossary (terms, term types, and hierarchies) - View Data Relationships in SAS Lineage

Broaden Your Knowledge with SAS A00-223 Sample Questions:

Question: 1

In Hadoop, what is the purpose of the YARN component?

a) HDFS file metadata management
b) data distribution and replication
c) job scheduling and resource management
d) HDFS file permissions and security

Answer: c

Question: 2

SAS data quality functions in SAS Federation Server are implemented as what type of object?

a) FedSQL views
b) DS2 methods
c) QKB definitions
d) BASE data services

Answer: b

Question: 3

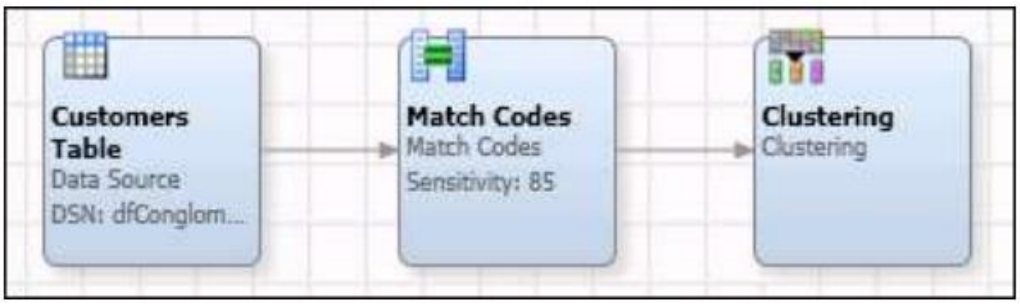
Which directive allows you to write custom DS2 code?

a) Run a SAS program.
b) Run a Hive program.
c) Query or Join Data in Hadoop.
d) Profile Data.

Answer: a

Question: 4

Consider the partial data job flow shown below:



Match codes fields were generated based on these fields:

NAME
ADDRESS
CITY
STATE

The Clustering node is "over matching". Therefore, it is finding matches where there should NOT be matches.

What can you do in the Clustering node to prevent "over matching"?

a) Specify a different Cluster ID field.
b) Specify "Single row clusters only".
c) Add more conditions perhaps involving more of the match code fields.
d) Specify "Sort output by cluster number and remove duplicates".

Answer: c

Question: 5

Consider the following three data sets and the Pig program statement. What is the expected behavior?

A = { a1:chararray, a2:int}
B = { b1:chararray, b2:int, b3:float}
C = { c1:chararray, c2:int, c3:float, c4:double}
Pig Program Statement:
D = JOIN A BY (a1, a2),
B BY (b1, b2, b3),
C BY (c1, c2, c3);?

a) statement runs successfully
b) statement gives a compile error JOIN can happen only on two data sets at a time
c) statement gives a compile error that the JOIN columns have to equal number for all three data sets
d) statement gives a compile error that the keyword INNER or LEFT OUTER or RIGHT OUTER or FULL is missing

Answer: c

Question: 6

Which is NOT defined as part of the New Library Wizard?

a) the type of library
b) the metadata name for the library
c) the location of the library
d) the operating system where the library is assigned

Answer: d

Question: 7

Which statement about writing explicit SQL pass-through code is true?

a) You can use any SAS programming method, naming DBMS tables as input.
b) All the code you write will execute in the DBMS instead of in SAS.
c) Automatically generated DBMS SQL might unintentionally cause all processing to happen in SAS instead of the DBMS.
d) You must be able to write native DBMS SQL code.

Answer: d

Question: 8

After running the following SAS program, what is the format of the HDFS file underlying the Hive table my.cars?

```
libname myhdp hadoop server='mysrvr' user='me' password='mine'
schema='my';
data my.cars;
set sashelp.cars;
run;
```

a) Parquet
b) Text
c) Sequence
d) Avro

Answer: b

Question: 9

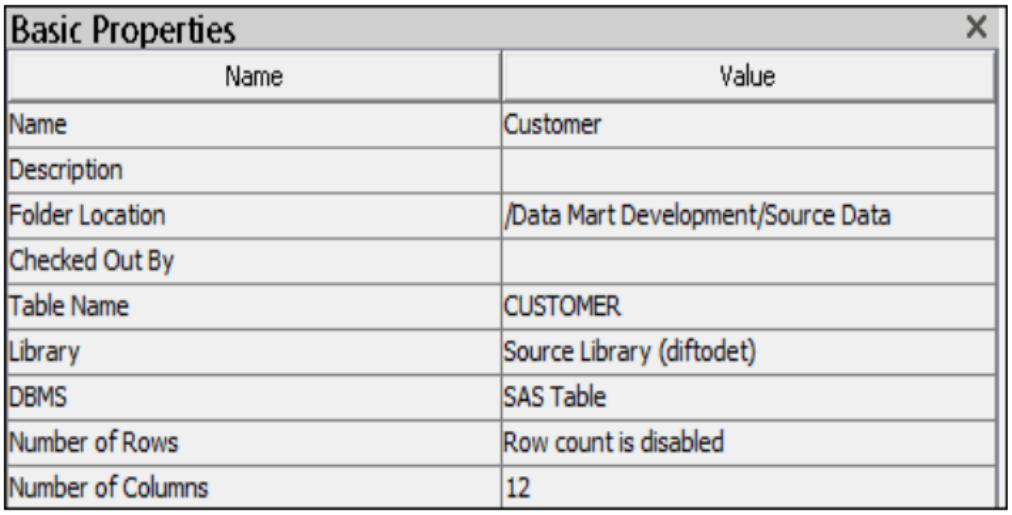
You use the PROC DQSRVSVC in a SAS program to pass data to a service that was written in DataFlux Data Management Studio. Where does the service execute and process the data?

a) DataFlux Data Management Studio
b) DataFlux Data Management Server
c) SAS Application Server
d) SAS Application Server

Answer: b

Question: 10

A user is looking at the Basic Properties pan, as shown below.



The Number of Rows attribute shows Row count is disabled. Why is the row count disabled?

a) The "Enable row count on basic properties and data viewer for tables" global option is not set.
b) No physical dataset exists for the Customer table metadata object.
c) The table's "Enable row count on basic properties and data viewer for tables" option is not set.
d) The user does not have read permissions on the folder where the physical dataset is stored.

Answer: a

Avail the Study Guide to Pass A00-223 SAS Data Curation Exam:

- Find out about the A00-223 syllabus topics. Visiting the official site offers an idea about the exam structure and other important study resources. Going through the syllabus topics help to plan the exam in an organized manner.
- Once you are done exploring the **A00-223 syllabus**, it is time to plan for studying and covering the syllabus topics from the core. Chalk out the best plan for yourself to cover each part of the syllabus in a hassle-free manner.
- A study schedule helps you to stay calm throughout your exam preparation. It should contain your materials and thoughts like study

hours, number of topics for daily studying mentioned on it. The best bet to clear the exam is to follow your schedule rigorously.

- The candidate should not miss out on the scope to learn from the A00-223 training. Joining the SAS provided training for A00-223 exam helps a candidate to strengthen his practical knowledge base from the certification.
- Learning about the probable questions and gaining knowledge regarding the exam structure helps a lot. Go through the **A00-223 sample questions** and boost your knowledge
- Make yourself a pro through online practicing the syllabus topics. A00-223 practice tests would guide you on your strengths and weaknesses regarding the syllabus topics. Through rigorous practicing, you can improve the weaker sections too. Learn well about time management during exam and become confident gradually with practice tests.

Career Benefits:

Passing the A00-223 exam, helps a candidate to prosper highly in his career. Having the certification on the resume adds to the candidate's benefit and helps to get the best opportunities.