SAS A00-262

SAS DATA QUALITY STEWARD CERTIFICATION QUESTIONS & ANSWERS

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A00-262

SAS Data Quality Using DataFlux Data Management Studio

75 Questions Exam – 68% Cut Score – Duration of 110 minutes

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Discover More about the A00-262 Certification

Are you interested in passing the SAS A00-262 exam? First discover, who benefits from the A00-262 certification. The A00-262 is suitable for a candidate if he wants to learn about Data Management. Passing the A00-262 exam earns you the SAS Data Quality Using DataFlux Data Management Studio title.

While preparing for the A00-262 exam, many candidates struggle to get the necessary materials. But do not worry; your struggling days are over. The A00-262 PDF contains some of the most valuable preparation tips and the details and instant access to useful **A00-262 study materials just at one click**.

A00-262 SAS Data Quality Steward Certification Details:

Exam Name	SAS Certified Data Quality Steward for SAS 9
Exam Code	A00-262
Exam Duration	110 minutes
Exam Questions	75 Multiple Choice Questions
Passing Score	68%
Exam Price	$180 (USD)
Training	**Using DataFlux® Data Management Studio** **Understanding the SAS® Quality Knowledge Base** **DataFlux® Data Management Studio: Creating a New Data Type in the Quality Knowledge Base**
Books	**DataFlux Data Management Studio Documentation** **DataFlux Data Management Server Documentation**
Exam Registration	**Pearson VUE**
Sample Questions	**SAS Data Quality Steward Certification Sample Question**
Practice Exam	**SAS Data Quality Steward Certification Practice Exam**

A00-262 Syllabus:

Objective	Details
Navigating the DataFlux Data Management Studio Interface	
Navigate within the Data Management Studio Interface	- Register a new Quality Knowledge Base (QKB) - Create and connect to a repository - Define a data connection - Specify Data Management Studio options - Access the QKB - Create a name value macro pair - Access the business rules manager - Access the appropriate monitoring report - Attach and detach primary tabs
Exploring and Profiling data	
Create and explore a data profile	- Create and explore a data profile • Different sources: text file, filtered table, SQL query - Interpret the results • Frequency distribution • Pattern frequency distribution • Standard metrics • Visualizations • Alerts
Design data standardization schemes	- Build a scheme from profile results - Build a scheme manually - Update existing schemes - Import and export a scheme
Data Jobs	
Create Data Jobs	- Rename output fields - Add nodes and preview nodes - Run a data job - View a log and settings - Work with data job settings and data job displays - Best practices (ensure you are following a particular best practice such as inserting notes, establishing naming conventions) - Work with branching - Join tables - Apply the Field layout node to control field order - Work with the Data Validation node: • Add it to the job flow

Objective	Details
	• Specify properties/review properties • Edit settings for the Data Validation node - Work with data inputs - Work with data outputs - Profile data from within data jobs - Interact with the Repository from within Data Jobs - Debug levels for logging - Determine how data is processed - Set sorting properties for the Data Sorting Node
Apply a Standardization definition and scheme	- Use a definition - Use a scheme - Determine the differences between definition and scheme - Explain what happens when you use both a definition and scheme - Review and interpret standardization results - Explain the different steps involved in the process of standardization
Apply Parsing definitions	- Distinguish between different data types and their tokens - Review and interpret parsing results - Explain the different steps involved in the process of parsing - Use parsing definition - Interpret parse result codes
Apply Casing definitions	- Describe casing methods: upper/lower/proper - Explain different techniques for accomplishing casing - Use casing definition
Compare and contrast the differences between identification analysis and right fielding nodes	- Review results - Explain the technique used for identification (process of definition)
Apply the Gender Analysis node to determine gender	- Use gender definition - Interpret results - Explain different techniques for conducting gender analysis
Create an Entity Resolution Job	- Use a clustering node in a data job and explain its use - Survivorship (surviving record identification) • Record rules • Field rules • Options for survivorship - Discuss and apply the Cluster Diff node - Apply Cross-field matching

Objective	Details
	- Entity resolution file output node - Use the Match Codes Node to select match definitions for selected fields. • Outline the various uses for match codes (join) • Use the definition • Interpret the results • Match versus match parsed • Explain the process for creating a match code • Select sensitivity for a selected match definition • Apply matching best practices
Use data job references within a data job	- Use of external data provider node - Use of data job reference node - Define a target node - Explain why you would want to use a data job reference (best practice) - Real-time data service
Understand how to use an Extraction definition	- Interpret the results - Explain the process of the definition
Explain the process of the definition of pattern analysis	
<td colspan="1" align="center">**Business Rules Monitoring**</td>	
Define and create business rules	- Use Business Rules Manager - Create a new business rule • Name/label rule • Specify type of rule • Define checks • Specify fields - Distinguish between different types of business rules • Row • Set • Group - Apply business rules • Profile • Execute business rule node - Use of Expression Builder - Apply best practices

Objective	Details
Create new tasks	- Understand events - Log error to repository - Set a data flow/key value - Log error to a text file - Write the row to a table - Applying tasks - Explain purpose of the data monitoring node - Review a data monitoring job log - Review a monitoring report - Trigger values - Filters

Data Management Server

Objective	Details
Interact with the Data Management Server	- Import/export jobs (special case profile) - Test service - Run history/job status - Identify the required configuration components (QKB, data, reference sources, and repository) - Security, the access control list - Creation and use of WSDL

Expression Engine Language (EEL)

Objective	Details

Explain the basic structure of EEL (components and syntax)	- Identify basic structural components of the code
	
	- Statements
	- Functions
	- Declarations
	
	- Use EEL
	
	- Profile
	- Expression node (data job)
	  Tabs (expression, grouping, etc)
	  Order of Operations (pre/post, etc)
	- Expression node (process job)
	- Business rules
	- Custom metrics
	  Use in profile
	  Use in data job (execute custom metric node)
	  Use in business rule
	- Use in data validation node

Objective	Details
	Process Jobs

Work with and create process jobs	- Add nodes and explain what nodes do
	- Interpret the log
	- Parameterizing process jobs
	- Identify Run options
	- Using different functionality in process jobs
	- If/then logic
	
	• Echo
	• Fork
	• Parallel iterator
	• Events and event handling (event listener)
	• Global get/set
	• Expression code features
	   Declaration of events
	   Set output slot
	
	- Embedded data job and data job reference
	- Using Work tables, process flow worktable reader
	- SAS code execution
	- SQL

	Macro Variables and Advanced Properties and Settings
Work with and use macro variables in data profiles, data jobs and data monitoring	- Define macro variables: • In DM studio • In Configuration files • With Command line • Dynamic - Use macro variables: • In a profile • In expression code • In a data job • In a process job • In business rules - Determine Scoping/precedence (order in which macros are read) - Compare/Contrast DM Studio versus DM Server
Determine uses for advanced properties	- Multi-locale • Use locale guessing • Use with a scheme • Locale list and locale field

Objective	Details
	- Apply setting for Max output rows
Quality Knowledge Base (QKB)	
Describe the organization, structure and basic navigation of the QKB	- Identify and describe locale levels (global, language, country) - Navigate the QKB (tab structure, copy definitions, etc) - Identify data types and tokens
Be able to articulate when to use the various components of the QKB. Components include:	- Regular expressions - Schemes - Phonetics library - Vocabularies - Grammar - Chop Tables
Define the processing steps and components used in the different definition types.	- Identify/describe the different definition types • Parsing • Standardization • Match • Identification • Casing • Extraction • Locale guess • Gender • Patterns - Explain the interaction between different definition types (with one another, parse within match, etc)

Broaden Your Knowledge with SAS A00-262 Sample Questions:

Question: 1

In a process job, which node do you use to retrieve and assign variables for nested jobs?

a) Global Get/Set node
b) Global Retrieve/Assign node
c) Local Retrieve/Assign node
d) Local Get/Set node

Answer: a

Question: 2

You need to create a new business rule. Which two methods can you use to access the Business Rules Manager in DataFlux Data Management Studio?

(Choose two.)

 a) From the Tools menu, select Business Rules Manager and then select a repository.
 b) From the Folders riser bar, select a repository and then select New -> Business Rule.
 c) From the Tools menu, select New -> Business Rule.
 d) From the Information riser bar, select the Monitor item and then select a repository.

Answer: a,b

Question: 3

Assume these items are created for the Supplier repository:

- A row-based business rule called Monitor for Nulls
- A set-based business rule called Percent of Verified Addresses
- A group-based rule called Low Product Count
- A task based on the row-based, set-based, and group-based rules called Monitor Supplier Data

Which one can you apply in a Data Monitoring node in a data job?

 a) row-based business rule called Monitor for Nulls
 b) set-based business rule called Percent of Verified Addresses
 c) task based on the row-based, set-based, and group-based rules called Monitor Supplier Data
 d) group-based rule called Low Product Count

Answer: c

Question: 4

For a data job to serve as a real-time data service, the External Data Provider node is a required first node. For a process job to serve as a real-time process service, how is information passed in to the process flow?

 a) The Process Flow External Data node from the Utilities grouping is used to pass data in to a process job that will serve as a process service.
 b) The Process Flow Work Table Reader node from the Utilities grouping is used to pass data in to a process job that will serve as a process service.
 c) The Settings tab of the process job is used to define the input variables.
 d) The Variables tab of the process job is used to define the input variables.

Answer: d

Question: 5

Which process job node allows you to define the number of machine CPU processors to use if available?

a) Fork Node
b) Parallel Iterator
c) Event Listen
d) If Then

Answer: b

Question: 6

How do you connect to an existing repository in DataFlux Data Management Studio?

a) from the Administration riser bar
b) from the Folders riser bar
c) from the Data riser bar
d) You cannot connect to an existing repository.

Answer: a

Question: 7

Which definition in the Quality Knowledge Base would be appropriate for selecting specific diagnosis information from a physician's unstructured patient treatment notes?

a) Extraction definition
b) Parse definition
c) Match definition
d) Identification Analysis definition

Answer: a

Question: 8

You need to review the Monitoring Report to see the data values that triggered a business rule. Where do you access the Monitoring Report in DataFlux Data Management Studio?

a) On the Tools menu, select Monitoring Report and then select the appropriate repository.
b) On the Tools menu, select Business Rules Manager and then select the appropriate repository.
c) On the Information riser bar, select the Monitor item and then select the appropriate repository.
d) On the Information riser bar, select the Monitor item, select the appropriate repository, then click link for Monitoring Report.

Answer: a

Question: 9

What are the valid types of symbols you can declare in Expression Engine Language (EEL)?

a) integer, string, real, Boolean, date, file
b) integer, string, real, Boolean, date
c) integer, string, real, Boolean, date, file, regex
d) integer, string, real, Boolean, date, file, regex, bluefusion

Answer: b

Question: 10

Where do you create a macro in DataFlux Data Management Studio?

a) In the Data Management Studio Options, select the Macro option.
b) From the Folders riser bar, select a repository and then select New Macro.
c) From the Information riser bar, select the Macro Files item.
d) From the Administration riser bar, select the Macro Files item.

Answer: d

Avail the Study Guide to Pass A00-262 SAS Data Quality Steward Exam:

- Find out about the A00-262 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 **A00-262 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 A00-262 training. Joining the SAS provided training for A00-262 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 **A00-262 sample questions** and boost your knowledge

● Make yourself a pro through online practicing the syllabus topics. A00-262 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 A00-262 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.

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