SAS A00-406 STUDY GUIDE PDF

Grab the SAS Viya Supervised Machine Learning Pipelines Certification PDF Questions & Answers

Details of the Exam-Syllabus-Questions

A00-406

SAS Certified Specialist - Machine Learning Using SAS Viya
50-55 Questions Exam – 62% Cut Score – Duration of 90 minutes

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Get an Overview of the A00-406 Certification:

Who should take the **A00-406 exam**? This is the first question that comes to a candidate's mind when preparing for the SAS Viya Supervised Machine Learning Pipelines certification. The A00-406 certification is suitable for candidates who are keen to earn knowledge on the Advanced Analytics and grab their SAS Certified Specialist - Machine Learning Using SAS Viya. When it is about starting the preparation, most candidates get confused regarding the study materials and study approach. But A00-406 study guide PDF is here to solve the problem. A00-406 PDF combines some effective sample questions and offers valuable tips to pass the exam with ease.

Why Should You Earn the SAS A00-406 Certification?

There are several reasons why one should grab the A00-406 certification.

- The SAS Viya Supervised Machine Learning Pipelines certification proves to be one of the most recognized certifications.
- The certification badge proves the knowledge of the candidate regarding subject matters and makes his resume presentable to potential candidates.
- Thus earning the **SAS Certified Specialist - Machine Learning Using SAS Viya** is a powerful qualification for a prosperous career.

What Is the SAS Viya Supervised Machine Learning Pipelines Certification Exam Structure?

Exam Name	SAS Viya Supervised Machine Learning Pipelines
Exam Code	A00-406
Exam Duration	90 minutes
Exam Questions	50-55
Passing Score	62%
Exam Price	$180 (USD)
Books	**Machine Learning with SAS Viya**
Exam Registration	**Pearson VUE**

Sample Questions	**SAS Viya Supervised Machine Learning Pipelines Certification Sample Question**
Practice Exam	**SAS Viya Supervised Machine Learning Pipelines Certification Practice Exam**

Enhance Knowledge with A00-406 Sample Questions:

Question: 1

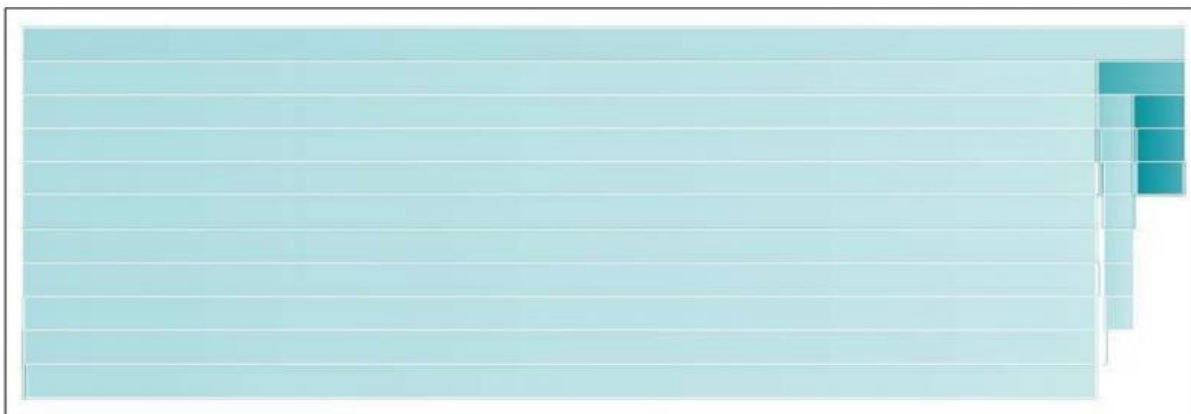What is the difference between a classification problem and a regression problem in machine learning?

a) Classification predicts categorical outcomes, while regression predicts numeric outcomes.
b) Classification is a type of regression problem.
c) Regression predicts categorical outcomes, while classification predicts numeric outcomes.
d) There is no difference; the terms are used interchangeably.

Answer: a

Question: 2

Refer to the treemap shown in the exhibit below:

Which statement is true about the tree map for a decision tree with a binary target?

a) The top bar represents the node with the highest probability of event.
b) The darker bars represent nodes with a lower probability of event.
c) The top bar represents the node with the highest count.
d) The wider bars represent nodes with a higher probability of event.
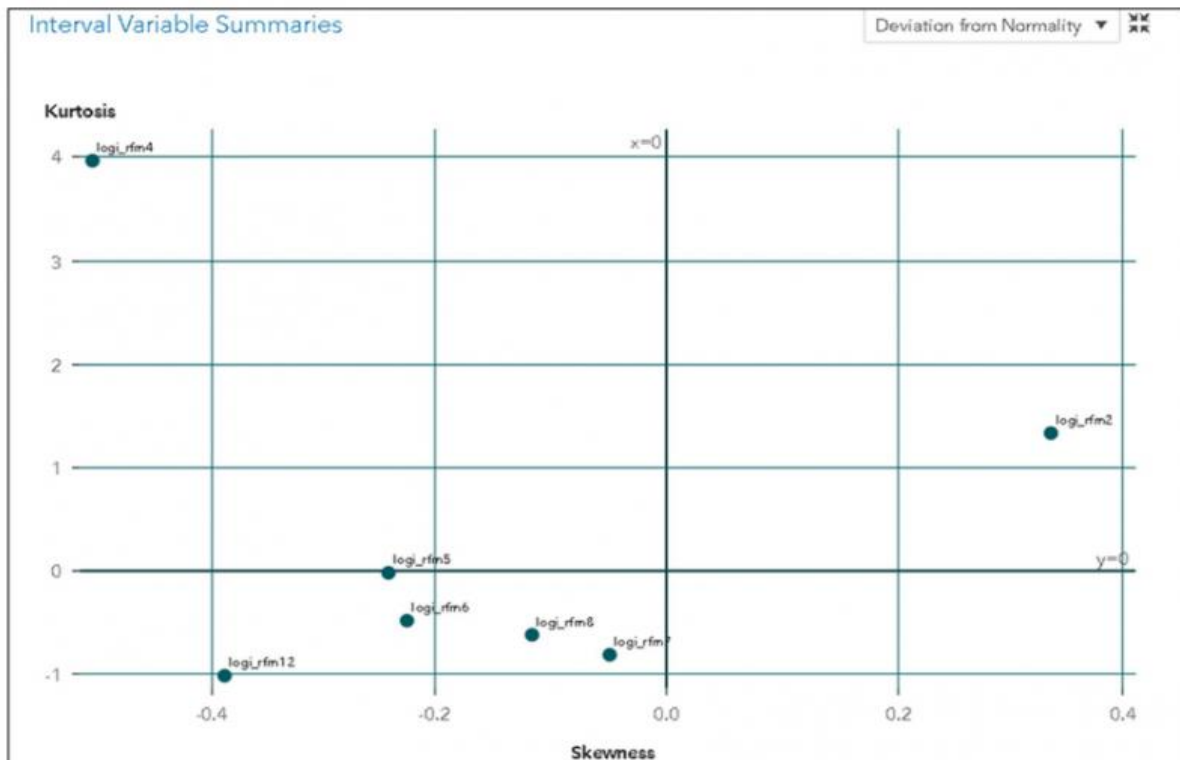
Answer: c

Question: 3

Which statement is true regarding decision trees and models based on ensembles of trees?

a) In the gradient boosting algorithm, for all but the first iteration, the target is the residual from the previous decision tree model.
b) For a Forest model, the out-of-bag sample is simply the original validation data set from when the raw data partitioning took place.
c) In the Forest algorithm, each individual tree is pruned based on using minimum Average Squared Error.
d) A single decision tree will always be outperformed by a model based on an ensemble of trees.

Answer: a

Question: 4

Refer to the exhibit below:

Based on the output from the Data Exploration node shown in the exhibit, which variable has the most thin tails (most platykurtic distribution)?

a) Logi_rfm4
b) Logi_rfm6
c) Logi_rfm8
d) Logi_rfm12

Answer: d

Question: 5

Given the following properties for a neural network model, which statement is true regrading hidden units in the model? The following SAS program is submitted:

Properties	
Property name	**Property value**
missAsLevl	false
inputStd	STD
nHidden	1
hiddenAll	false
hiddenAllNum	50
actFuncAll	TANH
hidden1	26
actFunc1	TANH

- a) There are no hidden units in the model.
- b) The number of hidden units is 1.
- c) The number of hidden units is 50.
- d) The number of hidden units is 26.

Answer: d

Question: 6

In natural language processing (NLP), what is a common preprocessing step for text data before building models?

- a) Standardization
- b) Tokenization
- c) Principal Component Analysis (PCA)
- d) One-Hot Encoding

Answer: b

Question: 7

Which feature extraction method can take both interval variables and class variables as inputs?

- a) Autoencoder
- b) Principal component analysis
- c) Singular value decomposition
- d) Robust PCA

Answer: a

Question: 8

When building a recommendation system, which type of filtering is based on the user's behavior and preferences?

- a) Content-based filtering
- b) Collaborative filtering
- c) Matrix factorization
- d) Singular Value Decomposition (SVD)

Answer: b

Question: 9

Which statements are true for the F1 score?

(Choose 2.)

- a) F1 score is calculated based on a depth value.
- b) F1 score is calculated based on a cut off value.
- c) F1 score is applicable to a model with a binary target.
- d) F1 score is applicable to a model with an interval target.

Answer: b, c

Question: 10

A project has been created and a pipeline has been run in Model Studio. Which project setting can you edit?

- a) Advisor Options for missing values
- b) Partition Data percentages
- c) Rules for model comparison statistic
- d) Event-based Sampling proportions

Answer: c

What Study Guide Works Best in Acing the SAS Viya Supervised Machine Learning Pipelines Certification?

The A00-406 study guide is a combination of some proven study tips and the combination of all valuable study materials like sample questions, syllabus and practice tests in one place.

Explore the Syllabus Topics and Learn from the Core:

If you are determined to earn success in the SAS Viya Supervised Machine Learning Pipelines exam, getting in full touch of the **syllabus** is mandatory. During preparation, you might not like all syllabus sections or topics, but try to get at least the fundamental knowledge from the sections you don't like. The more you possess knowledge on all syllabus sections, the more is the chance to attempt maximum number of questions during the actual exam.

Make Your Schedule:

Studying and completing the syllabus becomes easier, if you work on the syllabus topics after making a schedule. Your syllabus must mention what areas you want to cover and within what time. Once you make a schedule and follow it regularly, syllabus completion becomes easier and preparation becomes smoother.

Get Expert Advice from the Training:

Do not forget to join the SAS A00-406 training if it is providing any. Training enhances the practical knowledge of a candidate, which helps them to work well in the practical field during projects.

Get Access to the PDF Sample Questions:

If your study material is in a **PDF format** or the materials are mobile-friendly, what could be better than that? Get access to the free sample questions and keep enhancing your knowledge beyond the syllabus.

Avoid Dumps and Utilize the SAS A00-406 Practice Test:

Why should you rely on practice tests? The reason is simple: you must get familiar with the exam pattern before reaching the exam hall. An aspirant aware of the exam structure and time management during the exam preparation can perform well in the actual exam and attempt the maximum number of questions during the exam.

Many aspirants prefer to read from dumps, but they miss out on the self assessment method. Therefore, A00-406 practice tests always stand out to be the better choice than dumps PDF.

Avail the Proven A00-406 Practice Test for Success!!!

Do you want to pass the A00-406 exam on your first attempt? Stop worrying; we, AnalyticsExam.com are here to provide you the best experience during your SAS Viya Supervised Machine Learning Pipelines preparation. Try out our free mock tests to get a glimpse of our quality study materials, and build your confidence with the premium **A00-406 practice tests**. Our expert-designed questions help you to improve performance and pass the exam on your first attempt.