



A00-226

SAS TEXT ANALYTICS, TIME SERIES, EXPERIMENTATION AND
OPTIMIZATION

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Exam Summary – Syllabus – Questions

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Introduction to A00-226 Exam on SAS Text Analytics, Time Series, Experimentation and Optimization

This page is a one-stop solution for any information you may require for SAS Text Analytics, Time Series, Experimentation and Optimization (A00-226) Certification exam. The SAS A00-226 Exam Summary, Syllabus Topics and Sample Questions provide the base for the actual SAS Certified Advanced Analytics Professional Using SAS 9 exam preparation, we have designed these resources to help you get ready to take your dream exam.

The SAS Text Analytics, Time Series, Experimentation and Optimization credential is globally recognized for validating SAS Advanced Analytics Professional knowledge. With the SAS Certified Advanced Analytics Professional Using SAS 9 Certification credential, you stand out in a crowd and prove that you have the SAS Advanced Analytics Professional knowledge to make a difference within your organization. The SAS Text Analytics, Time Series, Experimentation and Optimization Certification (A00-226) exam will test the candidate's knowledge on following areas.

SAS A00-226 Certification Details:

Exam Name	SAS Text Analytics, Time Series, Experimentation and Optimization
Exam Code	A00-226
Exam Duration	110 minutes
Exam Questions	50-55 multiple choice or short answer
Passing Score	68
Exam Price	\$180 (USD)
Training	<ol style="list-style-type: none"> SAS Academy for Data Science: Advanced Analytics Text Analytics Using SAS Text Miner Time Series Modeling Essentials Experimentation in Data Science Building and Solving Optimization Models with SAS/OR
Exam Registration	Pearson VUE
Sample Questions	SAS Advanced Analytics Professional Certification Sample Question
Practice Exam	SAS Advanced Analytics Professional Certification

	Practice Exam
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SAS A00-226 Exam Syllabus:

Objective	Details
Text Analytics - 30%	<ul style="list-style-type: none"> - Create data sources for text mining - Import data into SAS Text Analytics - Use text mining to support forensic linguistics using stylometry techniques - Retrieve information for Analysis - Parse and quantify Text - Perform predictive modeling on text data - Use the High-Performance (HP) Text Miner Node
Time Series - 30%	<ul style="list-style-type: none"> - Identify and define time series characteristics, components and the families of time series models - Diagnose, fit, and interpret ARIMAX Models - Diagnose, fit, and interpret Exponential Smoothing Models - Diagnose, fit, and interpret Unobserved Components Models
Experimentation & Incremental Response Models - 20%	<ul style="list-style-type: none"> - Explain the role of experiments in answering business questions - Relate experimental design concepts and terminology to business concepts and terminology - Explain how incremental response models can identify cases that are most responsive to an action - Use the Incremental Response node in SAS Enterprise Miner
Optimization - 20%	<ul style="list-style-type: none"> - Optimize linear programs - Optimize nonlinear programs

A00-226 Sample Questions:

Q 1: After creating a data source within the SAS Code node, which macro is used to modify the metadata of the data source (specifically changing the roles and levels for each variable)?

Options:

- A: %EM_PROPERTY
- B: %EM_REGISTER
- C: %EM_METACHANGE
- D: %EM_DECADATA

Q 2: In the Text Topic node, the Singular Value Decomposition (SVD) dimensions are rotated. What is the purpose of this rotation?

Options:

- A: To interpret each dimension with a set of terms.
- B: To ensure the topics are relevant to your interests.
- C: To determine the number of topics that are discovered.
- D: To avoid producing topics that are too similar

Q 3: Refer to the exhibit below from an Incremental Response node from SAS Enterprise Miner.

Revenue Calculation	
Use Constant Revenue	No
Revenue Per Response	10.0
Use Constant Cost	Yes
Cost	0.5

What can be inferred from the properties above?

Options:

- A: The input data set contains an expected revenue variable, with values for individual customers.
- B: The expected revenue for individual customers is \$9.50.
- C: The expected revenue for individual customers is \$10.
- D: The expected revenue for individual customers is the estimated outcome from the model.

Q 4: What distinguishes a deterministic linear trend from other local linear trends?

Options:

- A: A deterministic linear trend is always linear; other local linear trends are only linear over certain intervals.
- B: A deterministic linear trend does not contain a seasonal component; other local linear trends do contain a seasonal component.
- C: A deterministic linear trend shows the same slope at all time periods; other local linear trends do not show the same slope at all time periods.
- D: A deterministic trend has a predetermined slope; other local linear trends do not have a pre-determined slope.

Q 5: What is a primary value of text mining as applied to forensic linguistics analysis?

options:

- A: Determining the native language of a suspect can help identify where a suspect may reside.

- B: The usage of certain emotion-based nouns, verbs, and adjectives indicate criminal pathology.
- C: Word frequencies of written or spoken communication can help discriminate between suspects.
- D: Determines if the written or spoken communication is the subject's second language.

Q 6: What is an example of time series forecasting?

Options:

- A: A fire department wants to know how many fires it will likely need to fight during the holidays, so that it can staff accordingly.
- B: A dried fruit company sends out marketing postcards and models who will respond.
- C: A hospital wants to know how long its patients will survive after open heart surgery so that adverse effects can be caught early.
- D: A glue manufacturer wants to know how long it will take for its glue to dry.

Answers to A00-226 Exam Questions:

Question: 1	Answer: C	Question: 2	Answer: A
Question: 3	Answer: D	Question: 4	Answer: C
Question: 5	Answer: C	Question: 6	Answer: A

Note: If you find any typo or data entry error in these sample questions, we request you to update us by commenting on this page or write an email on feedback@analyticsexam.com