SAP

C_PAII10_35 Exam

SAP Certified Application Associate - SAP Predictive Analytics Exam

**Questions & Answers
Demo**

Version: 7.0

Question: 1

SAP Predictive Analytics can be deployed in the following configurations:
Note: There are 3 correct answers to this question.

A. The desktop edition is a two-tier standalone configuration Both the Automated
Analytics and Expert Analytics toolsets are available in the desktop edition.
B. The enterprise edition is a three-tier client-server configuration with server
authentication.
C. If you have already installed SAP Predictive Analysis on your machine, you need
to uninstall it before installing SAP Predictive Analytics.
D. The Automated Analytics toolset is available in the enterprise edition. With this
configuration, you can install the following server-based components

Answer: A, B, D

Question: 2

If in the PAi Fiori application, a predictive model is shown in status error, more information
about the cause may be found in the associated application log. If the PAi configuration is incorrect,
which following messages may appear in the application log:
Note: There are 2 correct answers to this question.

A. Error: Invalid Table Message For example: invalid table name:
sap.hana.pai.Engine::Entities.GTMP.PredictiveScenario: line 1 col 72 an indication that the PAi
application is not installed correctly. The solution is to reinstall the PAi DU.
B. Error: ,QsutﻙFLHQt Privilege For example: LnsutﻙcLent privilege: Not authorized This means that the
PAi HANA role The solution is to consult your database administrator regarding role assignment.
C. In Predictive Factory, you declare one or more modeling servers. (A modeling server is the machine
that hosts the Automated Analytics server that will run the modeling tasks). Predictive Factory
communicates with the Automated Analytics server using CORBA. All connections to data and model
sources are handled via the modeling server.
D. Network administration is simplified because all network traffic from the client is directed to the
server. This means only two TCP ports need to be opened for an Automated Analytics installation.

Answer: A, B

Question: 3

Once the PAi application is installed correctly, the most common expected error to be encountered is

that the system does not have succulent rows of data to successfully build a predictive model. For the PAi application to work correctly, you need a minimum number of rows of data to train your predictive model. The number of required rows will vary from scenario to scenario and is dependent on the model type and the data.

There are two main ways to handle this issue:

Note: There are 2 correct answers to this question.

A. If you have access to HANA logs, you will be able to see the full APL exception details and can investigate further.

B. The Predictive Factory server contains a group of services handled by the Server Intelligence Agent (SIA). The services can be stopped and started with the Start and Stop Predictive Factory commands.

C. You can verify the data via normal ABAP tools to see if succulent records are present. For example, by doing a data preview on the Predictive Scenario data source, taking into account any model version footer's, you can see how many records are returned.

D. Communication between the Predictive Factory server and clients uses HTTP. You can configure encrypted communication (HTTPS) using Secure Sockets Layer (SSL) or Transport Layer Security (TLS)

Answer: A, C

Question: 4

Operation of Automated Analytic:

Note: There are 3 correct answers to this question.

A. Automated Analytics allows you to perform supervised data mining, that is, to transform your data into knowledge, then into action, as a function of a domain-specific business issue.

B. The application supports various formats of source data order to be usable by the application features, the dataset to be analyzed must be presented in the form of a single table of data, except in instances where you are using the Event Logging or Sequence Coding features of Data Manager.

C. To use the application's features, you must have a training dataset available that contains the target variable with all its values defined. Then, you can apply the model generated using the training dataset to one or more application datasets.

D. The Predictive Factory server contains a group of services handled by the Server Intelligence Agent (SIA). The services can be stopped and started with the Start and Stop Predictive Factory commands

Answer: A, B, C

Question: 5

The different types of variables: continuous, ordinal and nominal are next encoded by the data encoding feature of Modeler, or by the Event Logging and Sequence Coding features in the case of dynamic dat
a. Before generating the model, you must:

Note: There are 2 correct answers to this question.

A. Describe the data. A utility integrated with the application allows you to generate a description of the dataset to be analyzed, automatically. You need only validate that description, verifying that the type and storage format of each variable were identified correctly.

B. Define the role of variables contained in the dataset to be analyzed. You may select one or more variables as target variables. These are the variables that corresponds with your business issue. The other variables of the table of data are considered to be explanatory variables: they allow calculation of the value of the target variable in a given context. They may also be used as weight variables.
C. Users are authenticated because clients must log in before being able to use the modeling server. User accounts can be configured to implement security policy.
D. Resources are used more fully because each modeling session has a dedicated process. The process size limit applies only to a single user

Answer: A, B

Question: 6

You can then generate models, capable of either explaining and predicting a
phenomenon, or describing a dataset, in both cases, as a function of the previously
defined target variable. This phase is called the training phase. Once the models
have been generated, you can view and interpret their relevance and robustness
using:
Note: There are 2 correct answers to this question.

A. Performance indicators: the predictive power, which is the quality indicator, and the prediction confidence, which is the robustness indicator.
B. A variety of plots, including the profit curve plot.
C. knows how to set up ODBC drivers on Windows systems
D. has administration rights on the machine,

Answer: A, B

Question: 7

Automated Analytics supports the following data sources:
Note: There are 2 correct answers to this question.

A. Text files supports CR + LF
B. The server software requires about 700 MB for the server and about 200 MB for each client installed on separate machines. No additional storage is required for data because the application does not create a separate data store.
C. Database management systems that can be accessed using ODBC. Note For the list of supported ODBC-compatible sources, see the SAP Product Availability Matrix
http://service.sap.com/sap/support/pam . For more information about using SAP HANA, see the related information below. To configure Automated Analytics modeling tools to access data in your database management system, refer to the guide Connecting your Database Management System on Windows or Connecting your Database Management System on Linux.

Answer: A, C

Question: 8

The Periodic with testing at the end strategy distributes:
Note: There are 4 correct answers to this question.

A. Three lines of the first 4/5 of the initial dataset are distributed to the training subset.
B. One line of the first 4/5 of the initial dataset is distributed to the validation sub-set.
C. If the entire 4/5 of the initial dataset is not yet distributed, distribution operations begin again at step 1. Otherwise, if the entire 4/5 of the initial dataset has been distributed, distribution operations go to step
D. The final 1/5 of the initial dataset is sent as a block of data to the testing sub-set.
E. The name server and the server will be assigned a specific TCP port. By default, the startup scripts we use fix them, and they should probably set properly depending on the network strategy

Answer: A, B, C, D

Question: 9

A table of data is a dataset presented in the form of a two-dimensional table. In this table:
Note: There are 3 correct answers to this question.

A. Each row represents an observation to be processed, such as "American individual" in the sample file Census01.csv .
B. Each column represents a variable that describes observations, such as the "age" or the "gender" of individual Americans.
C. Each cell, the intersection of a column and a row, represents the value of the variable in the column, for the observation in that row
D. Both of these ports must be accessible from the client machine. For example, network firewalls should allow communication on these ports between client machine and the servers.

Answer: A, B, C

Question: 10

Whatever the data source used, the following two constraints must be accommodated:
Note: There are 2 correct answers to this question.

A. The data must be represented in the form of a single table, except in instances where you are using the Event Logging or Sequence Coding features.
B. The target variable must be defined for each observation in the table. In the sample file Census01.csv , the variable "class" has been be defined for each individual.
C. Through Java Web Start: in this mode, a Web server needs to be installed and

configured on the machine hosting the SAP Predictive Analytics server. It will deliver, through web pages, the necessary content in order for the client computer to run the application.

Answer: A, B