

IBM

Exam C2020-930

IBM SPSS Modeler Professional v3

Version: 6.0

[Total Questions: 60]

Question No : 1

You have optimized four models that do not meet your performance goals. You believe that by merging these models together you would achieve better performance.

Which node would allow you to accomplish this task?

- A. Aggregate node
- B. Reclassify node
- C. Regression node
- D. Ensemble node

Answer: B

Question No : 2

You have a data set with two different date fields (columns). Your analysis requires you to create a new field which is the number of calendar days elapsed between these two dates.

Which node will you use to accomplish this task?

- A. Filter node
- B. Type node
- C. Derive node
- D. Reclassify node

Answer: A

Question No : 3

An online film streaming company is interested in building a movie recommendation model by analyzing the historical film watching pattern of its customers. For example, analysis of the historical data may reveal that all the customers who watched movie A and movie B, also had a high likelihood of watching movie C. This information can then be used to recommend movie C to all future customers who watch movies A and B.

Which modeling node would be used to build such a movie recommendation model?

- A. Time Series node
- B. Apriori node
- C. Linear node
- D. Cox node

Answer: C

Question No : 4

Which statement is correct about the Reclassify node?

- A. The Reclassify node automatically creates new nominal fields based on the values of one or more existing continuous (numeric range) fields.
- B. The Reclassify node enables the transformation from one set of categorical values to another.
- C. The Reclassify node can be used to reduce the number of fields (columns) in the data.
- D. The Reclassify node can be used to reduce the number of records (rows) in the data.

Answer: A

Reference:

http://www-01.ibm.com/support/knowledgecenter/SS3RA7_17.0.0/clementine/derive_overview.html

Question No : 5

Results for output field Credit rating

Comparing \$L-Credit rating with Credit rating

'Partition'	1_Training		2_Testing	
Correct	939	80.6%	1,052	80.99%
Wrong	226	19.4%	247	19.01%
Total	1,165		1,299	

Coincidence Matrix for \$L-Credit rating (rows show actuals)

'Partition' = 1_Training	Bad	Good
Bad	375	123
Good	103	564
'Partition' = 2_Testing	Bad	Good
Bad	389	133
Good	114	663

Performance Evaluation

'Partition' = 1_Training	
Bad	0.607
Good	0.36
'Partition' = 2_Testing	
Bad	0.655
Good	0.331

Referring to the exhibit, from which node is the output generated and on which data does it show greater accuracy?

- A. Statistics, 1_Training
- B. Statistics, 2_Testing
- C. Analysis, 1_Training
- D. Analysis, 2_Testing

Answer: C

Question No : 6

Your analysis requires you to export data in a tab delimited file.

Which export node will you use to accomplish this task in IBM SPSS Modeler Professional?

- A. Flat File
- B. XML Export
- C. Statistics Export
- D. Excel

Answer: C

Question No : 7

Which two modeling techniques handle both categorical and continuous target variables?
(Choose two.)

- A. QUEST
- B. CHAID
- C. C5.0
- D. C & R Tree

Answer: A,C

Question No : 8

There are two database tables which contain data that is needed for analysis. One table contains information pertaining to customer names, customer I Ds. and their age. The other table contains customer IDs and customer address information.

Which node would be used to combine this data into a single data set for use?

- A. Merge node
- B. Append node
- C. Derive node
- D. Type node

Answer: B

Question No : 9

You are provided two data sources which both contain event IDs and the date/time that the events occurred.

Which node will merge these two data sources?