



A00-405^{Q&As}

SAS Viya 3.5 Natural Language Processing and Computer Vision

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**QUESTION 1**

Which statement is TRUE regarding the Topics node in SAS Visual Text Analytics\?\?

- A. The term relevancy score ranges from 0 to 1.
- B. A custom topic assigns a term relevancy score of 1 to each document containing the term.
- C. You can split or merge topics
- D. A single document contains only one topic

Correct Answer: D

QUESTION 2

Which statement is TRUE regarding the impact of node placement"?

- A. When a Concept node appears after a Text Parsing node, only kept terms derived by the Text Parsing node can be used in concept creation
- B. When a Concept node is placed after a Text Parsing node: the term table is affected by the concepts defined in the Concept node and the concepts impact every node that follows the Concept node
- C. When the Concept node appears before the Text Parsing node in the pipeline, the spell-checking features of the Concept node produce parent and child terms that show up as synonyms in the term table created by the Text Parsing node
- D. When a Concept node is placed before a Text Parsing node the term table is affected by the concepts defined in the Concept node and the concepts impact every node that follows the Text Parsing node

Correct Answer: C

QUESTION 3

Which is the correct syntax for using a previously defined LITI concept rule, '\Date_of_Diagnosis\?' in a category rule?

- A. (_tmac, " [Date_Of_Diagnosis} ")
- B. (AND, "{Date_Of_Diagnosis}") "
- C. (AND, "[Data_Off_Diagnosis]\?") "
- D. (_tmac, "{Date_Of_Diagnosis} ")

Correct Answer: D

QUESTION 4



Given the code specifying the three initial layers of a convolutional network:

```
deepLearn.addLayer / layer={type="INPUT"  
                          nchannels=1 width=10 height=10}  
                          modelTable={name="simple"} name="data";  
  
deepLearn.addLayer / layer={type="CONVO"  
                          nFilters=1 width=5 height=5 padding=1}  
                          modelTable={name="simple"} name="conv1"  
                          srcLayers={"data"};  
  
deepLearn.addLayer / layer={type='POOL'  
                          width=2 height=2 stride=2 pool='max'}  
                          modelTable={name="simple"} name="pool1"  
                          srcLayers={"conv1"};
```

What is the size of the output tensor (image) of pool?

- A. 10*10
- B. 5*5
- C. 8*8
- D. 4*4

Correct Answer: A

QUESTION 5

Which node does not produce score code?

- A. Concepts
- B. Text Parsing
- C. Topics
- D. Sentiment

Correct Answer: C

QUESTION 6

Which option of the loadImage action can be used to load images in the subdirectory tree of a directory?

- A. recurse
- B. reload
- C. subdirs



D. repeat

Correct Answer: D

QUESTION 7

Assume you are using an addLayer call with dropout=0.5 to add a pooling layer into a CNN model. What is the outcome of the addLayer call?

- A. The values from half of the output neurons of the pooling layer are randomly set to zero
- B. The output feature map size is increased 2 times on width and height.
- C. The values from half of the input neurons to the pooling layer are randomly set to zero
- D. The output feature map size is reduced by half on width and height

Correct Answer: A

QUESTION 8

Complete the concept rule by adding the Boolean Operator that should be used to find concepts where the term "best" appears within five tokens of the term "picture"

CONCEPT_RULE: (, "best", "_c(picture)")

Enter your answer in the field above.

- A. DIST_5

Correct Answer: A

QUESTION 9

How many channels does a BGR image contain?

Enter your numeric answer in the space above

- A. 3

Correct Answer: A



QUESTION 10

What computation is performed when applying a neural network with Batch Normalization to test data?

- A. μ and σ^2 are estimated using an exponentially weighted average across train and test sets
- B. Normalizations are applied using parameters learned during testing
- C. Normalizations are applied using parameters learned during training
- D. μ and σ^2 are estimated using an exponentially weighted average across test set

Correct Answer: A

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