A00-405^{Q&As}

SAS Viya 3.5 Natural Language Processing and Computer Vision

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QUESTION 1

Given the code to add a concatenation layer:

```
AddLayer/model='ExampleModel'
        name='concat1'
        layer={type='concat'}
        srcLayers={"A", "B", "C"};
```

Assume the output dimensions (width*depth):

source layer A 100*100*5 source layer B 100*100*5 source layer C 100*100*3

What is the correct dimension of the output of this concatenation layer?

A. 100\\'100\\'13

B. 300\\'300\\'5

C. 100\\'100\\'18

D. 300\\'300\\'13

Correct Answer: C

QUESTION 2

Given the code to score images:

```
dlScore  model=modelName,
    table=testSetTbl,
    copyVars={'_path_', '_image_'},
    initWeights='VGG16_Weights',
    nThreads=10,
    miniBatchSize=2,
    loglevel=2,
    casout={'name':'outputTable', 'replace':True}
```

What is the actual batch size?

A. 20

B. 2

C. 40

D. 10

Correct Answer: D

QUESTION 3

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 4

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

A. The term relevancy score ranges front 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 5

Refer to the Exhibit Tab:

ASRS › Topics

Topics (14)

	Topic	Created by	Documents
☑	tower, clearance, takeoff, hear, runway	System	3412
☐	knot, flap, brake, gear, +autopilot	System	3257
☐	approach, visual, runway, visual approach, +locate	System	3017
☐	flap, takeoff, dispatch, flight, depart	System	3011
☐	+foot, descend, altitude, +autopilot, cross	System	2973
☐	engine, emergency, declare, smoke, cabin	System	2863
☐	airspace, visualflightrules, classb, area, airspace	System	2611
☐	install, maintain, inspect, minimumequipmentlist, zzz	System	2601
☐	degree, head, turn, radial, degree radial	System	2539
☐	trafficalertandcollisionavoidancesystem, resolutionadvisory, traffic, +foot, climb	System	2192
☐	passenger, flightattendant, seat, hi, captain	System	2069
☑	taxiway, taxiway, taxi, ramp, groundcontrol	System	2038
☑	hold, line, short line, short, short	System	2005
☐	flightlevel, descend, aircraftnumber, center, aircraft	System	1964

An analyst is trying to find Aviation Safety Reports (ASR) related to taxiway and runway incursions

She does not know the LITI language She finds that 3 of the 14 derived topics have keywords related to incursion incidents. She would like to examine documents that discuss incursions from the current ASR document collection

Which strategy will best support the analyst\\'s goals?

A. Use the Concepts node to define an INCURSION concept then include this concept in a category rule in the Categories node to identify documents having the INCURSION concept

B. Use the Merge topics feature of the Topics node to combine the 3 topics, add the merged topic as a category, and then use the Categories node to categorize documents with respect to the category rules derived using the merged topic Examine the matched documents for the incursion category rule.

C. Save the output data from the Topics results window and use the Explore and Visualize Data component of SAS Viya

D. Add each of the 3 individual topics as categories then create a category rule in the Categories node that combines the three topic categories using a Boolean OR operation Examine the matched documents fix the incursion category rule

Correct Answer: C