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SAS Viya 3.5 Natural Language Processing and Computer Vision

SAS Institute A00-405

Version Demo

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QUESTION NO: 1

What are two reasons to use a pooling layer in a Convolution Neural Network (CNN)?

(Choose two)

- A. to increase granularity of information
- B. to make the feature map invariant to transformation
- C. to extract features of different spatial scale
- D. to extract a summarized value from an area of the image

ANSWER: A C

QUESTION NO: 2

You have a very large set of documents you are preparing for SAS Visual Text Analytics

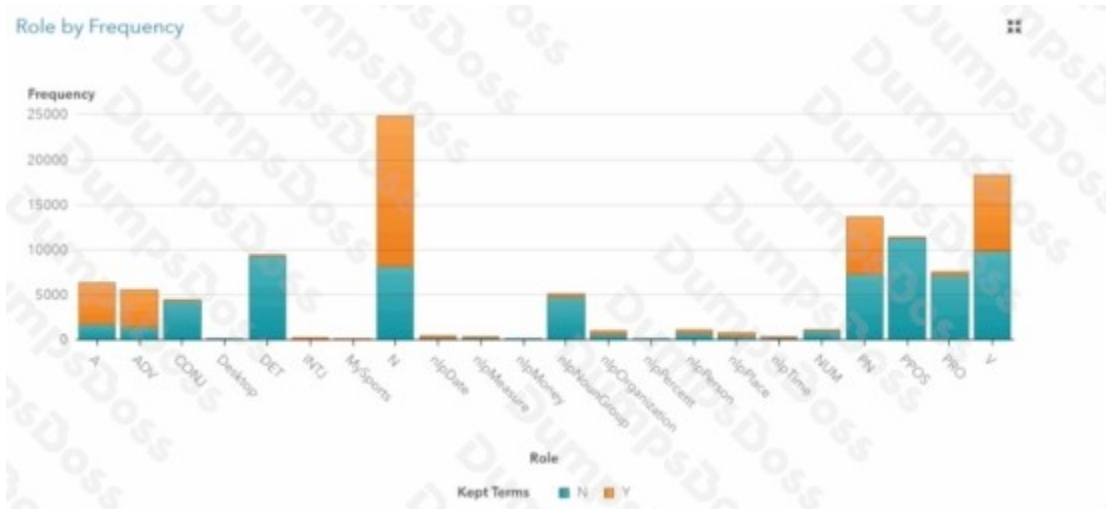
Which two actions should you perform during data preparation? (Choose two)

- A. Use CHAR data type for the Text variable with a long length
- B. Have enough number of documents for each category label
- C. Sample the data first for subsequent interactive model development
- D. Keep all the character variables in addition to the Text variable

ANSWER: A C

QUESTION NO: 3

Refer to the exhibit.



Which statements are TRUE? (Choose two)

- A. More proper nouns terms than the pronouns terms are kept
- B. There are 9 concepts in total
- C. There are 2 custom concepts
- D. Most preposition terms are kept

ANSWER: C D

QUESTION NO: 4 - (DRAG DROP)

DRAG DROP

("Not*: This is an interactive item Follow the instructions to answer the question Scroll bars may appear if the windows are too small Each window can be re-sized by dragging on the

5 circles located between windows)

Complete the statement on the right with the options on the left.

Cross-correlation

Convolution

Linear operation

Nonlinear operation

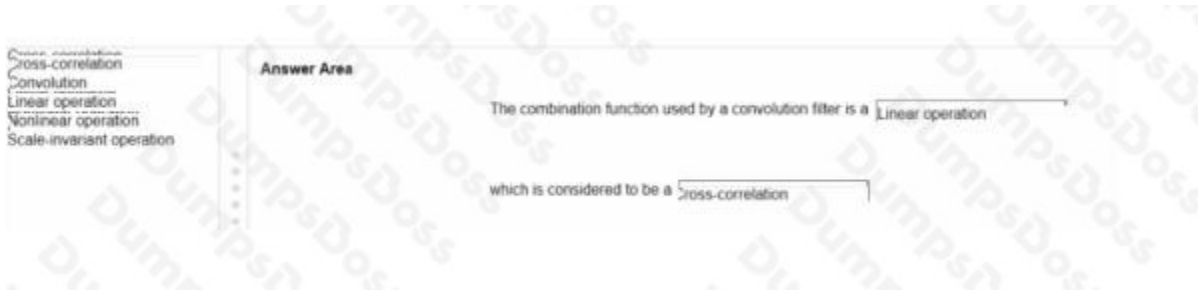
Scale-invariant operation

Answer Area

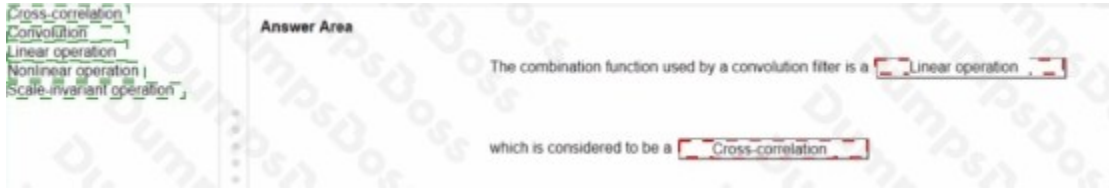
The combination function used by a convolution filter is a

which is considered to be a

ANSWER:



Explanation:



QUESTION NO: 5

Which statement is TRUE concerning the "dropout" option?

- A. It specifies the number of neurons to drop from each layer of the network
- B. It specifies the percentage of neurons to drop from a given layer of the network
- C. It specifies the percentage of neurons to drop from the entire network
- D. It specifies the number of layers to drop from the entire network

ANSWER: B

QUESTION NO: 6

Which statement is TRUE regarding topic creation in the Topics node1?

- A. Topics Map can be used to explore the topic and terms associations
- B. Term density can be adjusted using a sliding bar in the Term Cloud panel
- C. Custom topics can be generated using user-specified terms
- D. Exact document density threshold value can be supplied in the Edit Topics Properties window

ANSWER: A

QUESTION NO: 7

Refer to the exhibit.

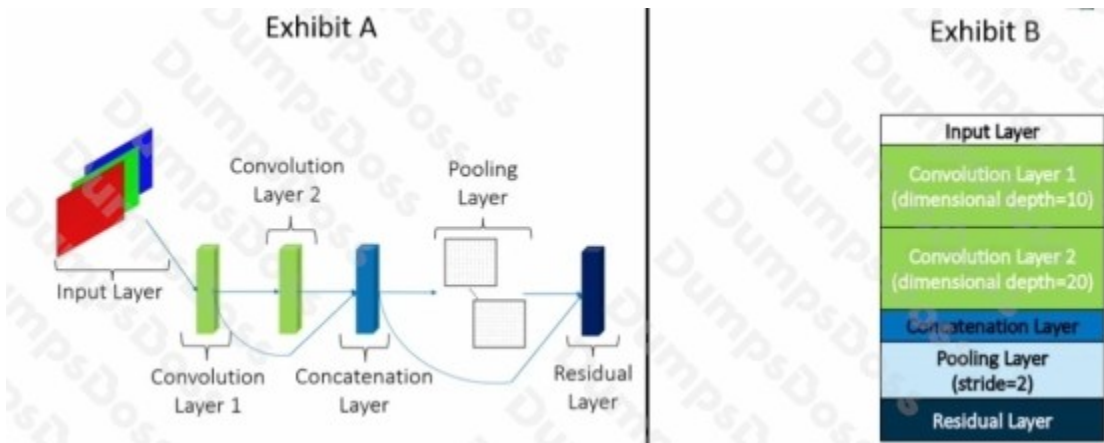


Exhibit A details the structure of a convolutional model Exhibit B provides details of each layer in the model The blue arrowed lines represent connections between layers What is the depth of the residual layer depicted above?

- A. 30
- B. 60
- C. 15
- D. 45

ANSWER: D

QUESTION NO: 8

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

ANSWER: D

QUESTION NO: 9

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} ")

ANSWER: D

QUESTION NO: 10

Which statements are TRUE about importing SAS Contextual Analysis projects into SAS Visual Text Analytics when creating a new project? (Choose two)

- A. All custom concept and some predefined concept settings are imported
- B. All machine generated topics and sentiment scores are imported
- C. All custom categories are imported
- D. All sentiment classification and probability scores are imported

ANSWER: B C