Graded Quiz: Word2Vec and Sequence-to-Sequence Models

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Graded Assignment • 18 min

DueOct 9, 11:59 PM PDT

1.

Question 1

Consider the sentence, “she loves watching football.” In the word2vec model, what will be the context and target word(s) for “t=2”? (Take the window width as 1)

Status: [object Object]

1 point

2.

Question 2

Consider the phrase “quick fox jumps over lazy dog.” Using the skip-gram model, find the context and target word for “t=3.” (Take the window width as 2)

Status: [object Object]

1 point

3.

Question 3

Which generative AI model matches the description below?

“It is a type of simulated neural network that uses time series data. It is designed to remember past information.”

Status: [object Object]

1 point

4.

Question 4

Fill in the blank:

In general, __(Blank 1)___ models are more difficult to train compared to recurrent neural networks (RNNs). However, the aim is to minimize the ___(Blank 2)____.

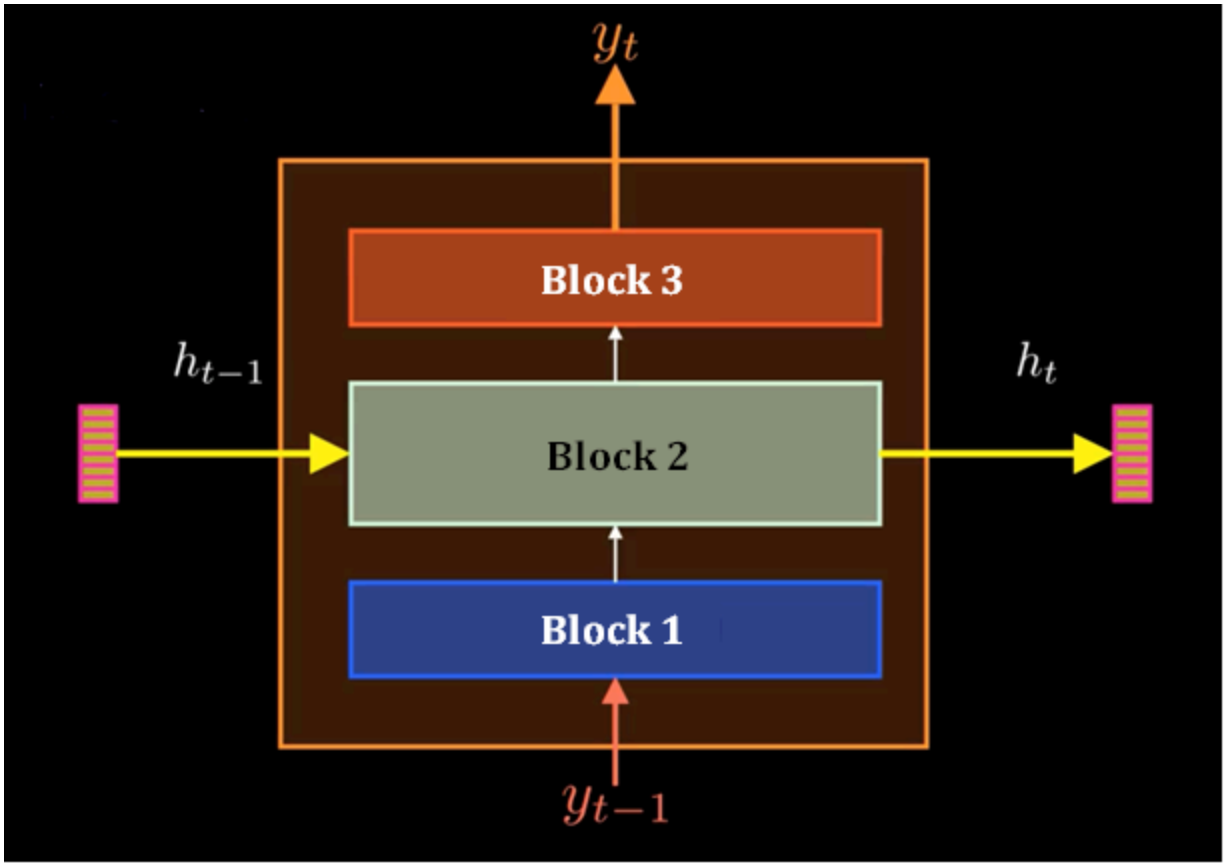
Status: [object Object]

1 point

5.

Question 5

Identify the blocks in the RNN decoder.



Status: [object Object]

1 point

6.

Question 6

Which of the following expressions is used to calculate the F1 score?

Status: [object Object]

1 point