MITx 6.86x

Machine Learning with Python-From Linear Models to Deep Learning

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4. Encoding with RNN

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Exercises due Mar 29, 2023 08:59 -03   Completed

Encoding with RNN

[▶]

▶   **0:00 / 0:00**   ▶   **1.25x**

Video

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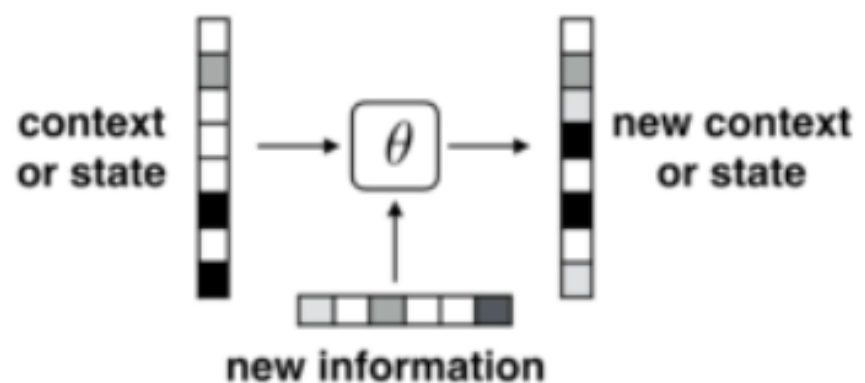**Transcripts**

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Which is Which

5/6 points (graded)

As discussed in the lecture, the following is a typical structure of a single-layered recur

Which element of the picture corresponds to   in the equation above?

- ◯ context or state

- 🔘 new information

- ◯ new context or state

✔

Which element of the picture corresponds to   in the equation above?

- 🔘 context or state

- ◯ new information

- ◯ new context or state

✔

Which of the following are "parameters" of the recurrent neural network? (Choose all those apply.)

- ☑
- ☑
- ☑
- ☑
- ☑

✖

What is the role represented by   ?

- 🔘 taking into account new information

- ◯ deciding what part of the previous information to keep

0/1 point (graded)

For   as defined in the lecture, where   is the null vector, take the sentence "Efforts ar vain". Which of the following contain(s) information about the phrase "Efforts and coura words in the sentence? (Choose all those apply.)
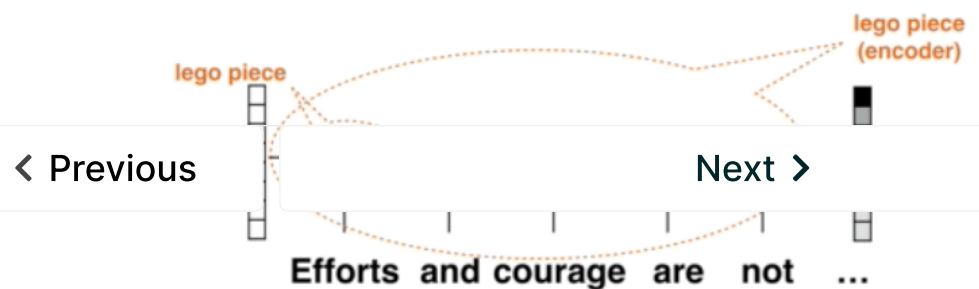
☑

☐

☐

☑

✗

Submit   You have used 2 of 2 attempts

Encoding Sentences

1/1 point (graded)

Following is a graphical representation of encoding sentences with RNN.

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At 7:47 , Professor Jaakkola references that each of the boxes are 'layers'. I assumes that there is a single o

💬 **Recommendations for other explanations of recurrent neural networks**
Does anyone have a good alternate teaching source for describing (in terms both general and specific) what

💬 **bug in the "Hidden State" question?**
Hi, In the "Hidden State" question my first answer was the correct (i don't want to divulge the answer) but w

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