5. RNN Decoding

Bookmark this page

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

Decoding

0:00 / 0:00 1.0x

Video

Download video file

Transcripts

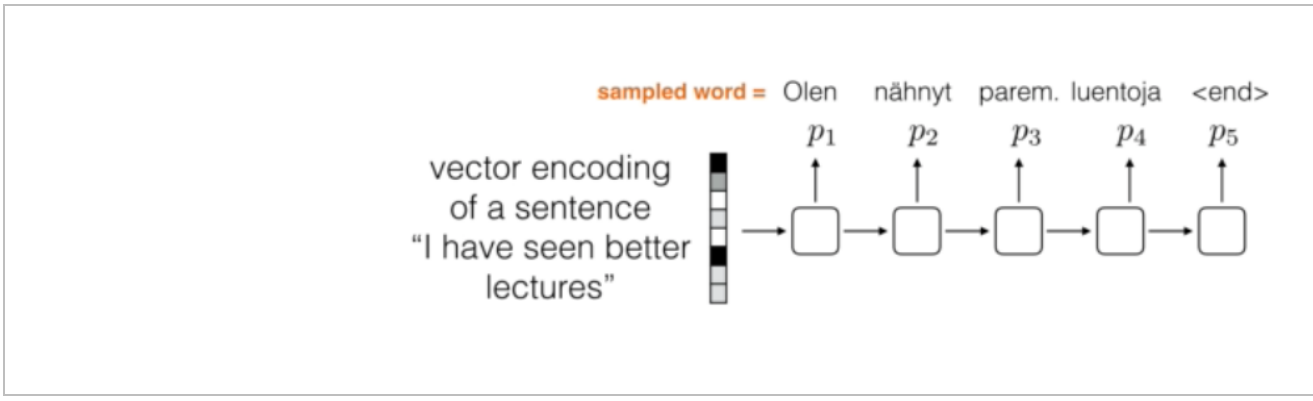
Download SubRip (.srt) file

Download Text (.txt) file

Decoding with RNN

1 point possible (graded)

Now, we would like to decode a feature vector with RNN's. The picture below illustrates
of the English sentence "I have seen better lectures" is translated into a sentence of a f



Unlike in encoding, at each step, an output distribution p_t is produced in a decoding RN

Now, which of the following is true about decoding RNN's?
(Choose all those apply.)

- [ ] In the translating example above, the output probability distribution is fed as a step
- [ ] The probability distribution is the same at each step, just like how parameters steps
- [ ] In the first image, the foreign word "Olen" in the above picture is a "sampled" res the RNN produced.

Submit You have used 0 of 2 attempts

Predictions

1 point possible (graded)
Suppose we are building an RNN model to translate images into sentences, as describe of the following is only done in generating the predictions of sentences from a trained R images but **not** in the training process?

- ( ) Feeding the sampled output as part of the input to the next time step
- ( ) Calculating what percentage of words the RNN correctly generated
- ( ) Feedin a

Previous Next

edX

About
Affiliates
edX for Business
Open edX

? questions about the lecture

I must admit that this lecture is not clear to me. Probably too quick? here some questions.. 1) what does it me

? I am trying to understand the problem given in the lecture

So the problem is the image is converted to a vector and this vector is used to predict a sentence? Then how

Why sampling for the predictions?

Why should I use sampling to get the predicted words? Why not simply taking the one with largest probabilit

The last question (...Predictions...)

I am not going to mention the "correct" answer to the last question, of course. But to me, it seems incorrect!

Connect

Blog
Contact Us
Help Center
Security
Media Kit

GET IT ON Google play
Download on the App Store

© 2023 edX LLC. All rights reserved.
深圳市恒宇博科技有限公司 粤ICP备17044299号-2