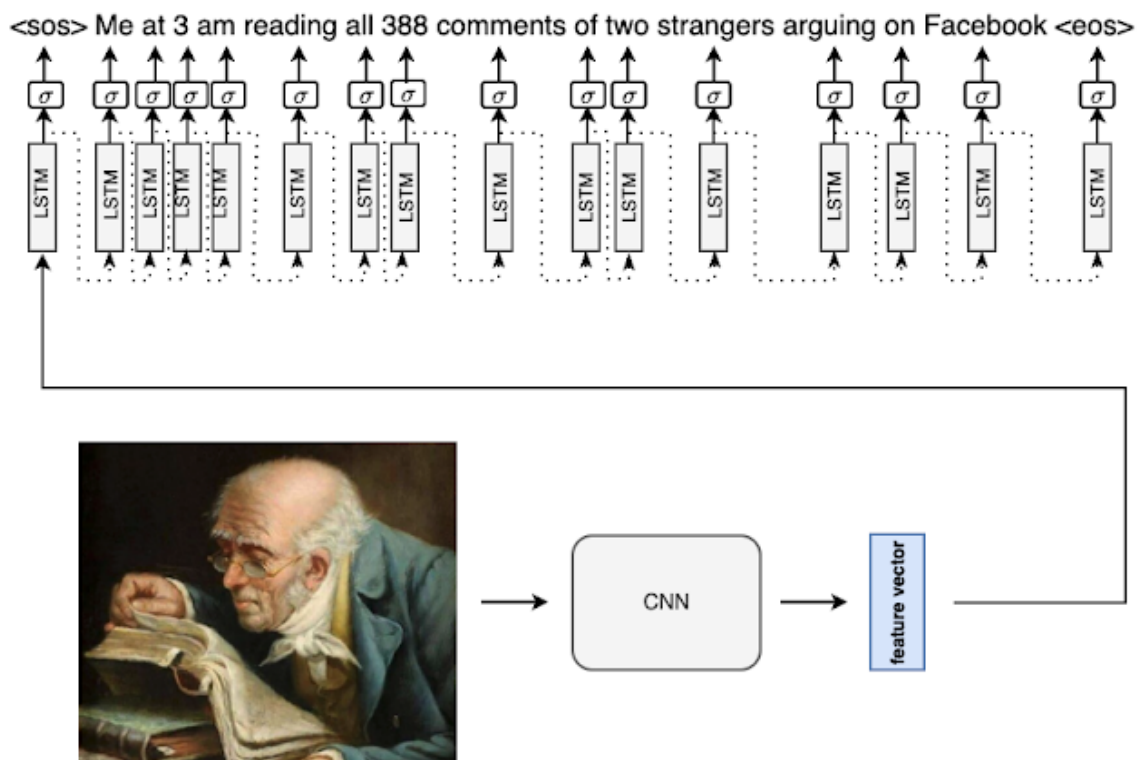


RNNs Applications

Name

HM

Using a dataset of memes, you trained an LSTM model to generate a description for each image encoded into a feature vector.



What kind of RNN application is described in the previous image ?

2 points

- Many to One
- One to Many
- Many to Many

The encoder is used to

2 points

- Map the image into the feature vector
- Map the image into the sentence

At each time step in the generation process, the output is fed into a dense layer with an activation function "sigma". What activation function should we use ?

2 points

- The softmax
- The sigmoid

During the generation process, each output of the LSTM is fed back into the model to get the new hidden state.

2 points

- True
- False

When does the LSTM stop generating words ?

2 points

- When the token generated is "<eos>"
- when the token generated is "<sos>"

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