UDACITY

登

‹ Return to "Deep Learning" in the classroom

Translation From One Language to Another Language

审阅 | 代码审阅 | HISTORY

Meets Specifications

You did a great job at coding as well as hyperparameter optimization part of project. Congrats!
For implementation in Keras, you can discuss on classroom forum and slack channel.
Keep up with the good work!

Required Files and Tests

The project submission contains the project notebook, called "dlnd_language_translation.ipynb".

All files are present.

All the unit tests in project have passed.

Code runs correctly. Good job passing the unit tests. Quality work.

Preprocessing

The function `text_to_ids` is implemented correctly.

This is correctly implemented.

Neural Network

The function `model_inputs` is implemented correctly.

You did a good job of using `tf.placeholder()` function to get input data, target data, learning rate and dropout correctly. Also naming and input types are perfect. Well done!

The function `process_decoding_input` is implemented correctly.

Nice! First you removed last word id, then concatenated in front of this Id for `<GO>`.

The function `encoding_layer` is implemented correctly.

You have perfectly implemented `encoding layer` using `dynamic_rnn`. +1 for using

给这次审阅打分

dropout with `DropoutWrapper`.

The function `decoding_layer_train` is implemented correctly.

Good job applying dropouts here.

The function `decoding_layer_infer` is implemented correctly.

This is fine. Although, Dropout is not required in inference.

The function `decoding_layer` is implemented correctly.

Instead of `with tf.variable_scope("decoding", reuse=True) as decoding_scope:`, you could have used `decoding_scope.reuse_variables()`.

The function `seq2seq_model` is implemented correctly.

seq2seq_model is implemented correctly. This requires a lot of effort. Well done!

Neural Network Training

The parameters are set to reasonable numbers.

Hyperparameter setting is fine.

The project should end with a validation and test accuracy that is at least 90.00%

Congrats! Your model achieves accuracy above 90%.

Language Translation

The function `sentence_to_seq` is implemented correctly.

This function is implemented correctly.

The project gets majority of the translation correctly. The translation doesn't have to be perfect.

Translation is mostly correct. Good.

下载项目

返回 PATH