



PROJECT

Translation From One Language to Another Language

A part of the Deep Learning Nanodegree Foundation Program

PROJECT REVIEW

CODE REVIEW

NOTES

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Meets Specifications

Required Files and Tests

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

Yes, this file exists.

All the unit tests in project have passed.

All the unit tests are passing out of the box.

Preprocessing

The function `text_to_ids` is implemented correctly.

This function is quite well implemented using python list comprehensions.

Neural Network

The function `model_inputs` is implemented correctly.

Input and targets are of integer types, it's all good here.

The function `process_decoding_input` is implemented correctly.The function `encoding_layer` is implemented correctly.

Correctly implemented, you have used dropouts here.

The function `decoding_layer_train` is implemented correctly.

Dropout is being used here too , implemented well.

The function `decoding_layer_infer` is implemented correctly.

The function `decoding_layer` is implemented correctly.

Quite impressive :)

The function `seq2seq_model` is implemented correctly.

Neural Network Training

The parameters are set to reasonable numbers.

The parameter set you are using is good and neural network is trained well.

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

Awesome! whopping accuracy is at 98%.

Language Translation

The function `sentence_to_seq` is implemented correctly.

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

Majority of translations are accurate.

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