4/19/2017 Udacity Reviews





PROJECT

Translation From One Language to Another Language

A part of the Deep Learning Nanodegree Foundation Program

PROJECT REVIEW

CODE REVIEW

NOTES

SHARE YOUR ACCOMPLISHMENT! 🍏 🚮

Meets Specifications

Excellent job! You seem to have understood theoretically and in practice (coding) how RNNs work for this kind of task. If you are curious keep playing around with more data or improving parameters.

As an extra bonus:

- Skip-Thoughts model is a sentence encoder. It learns to encode input sentences into a fixed-dimensional vector representation that is useful for many tasks: https://github.com/tensorflow/models/tree/master/skip_thoughts
- A Machine Translation tutorial from NVIDIA: https://devblogs.nvidia.com/parallelforall/introduction-neural-machine-translation-with-gpus/
- Another cool tutorial I found: https://medium.com/@ageitgey/machine-learning-is-fun-part-5-language-translation-with-deep-learning-and-the-magic-of-sequences-2ace0acca0aa

Hope you enjoy those

Keep up with the good work!

Required Files and Tests

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

Alright, file submitted correctly!

All the unit tests in project have passed.

 $\label{lem:continuous} \mbox{Achievement unlocked! All tests passed successfully.}$

Preprocessing

The function text_to_ids is implemented correctly.

Function correctly implemented.

Neural Network

The function **model_inputs** is implemented correctly.

TF Placeholders created correctly, bidimensional placeholders for Input and Targets, and scalar for Learning Rate and Keep probability.

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ou are getting the expected accuracy for this project, congratulations!
anguage Translation
✓
The function sentence_to_seq is implemented correctly.
Well done!
The project gets majority of the translation correctly. The translation doesn't have to be perfect.
Awesome, you built a translator using deep neural networks, how cool is that?
wesome, you built a translator using deep metral networks, now coors triat:
I♣J DOWNLOAD PROJECT

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