UDACITY

PROJECT

Recurrent Neural Networks

A part of the Artificial Intelligence Nanodegree and Specializations Program

PROJECT REVIEW

CODE REVIEW 3

NOTES

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Meets Specifications

Congratulations for passing this project!
Good luck with future submissions :)

Check this article for further reading related to this project: https://machinelearningmastery.com/text-generation-lstm-recurrent-neural-networks-python-keras/

Files Submitted

The submission includes all required file RNN_project_student_version.ipynb All code must be written ONLY in the TODO sections and no previous code should be modified.

Awesome! All the required files are submitted and the TODO sections are complete.

Step 1: Implement a function to window time series

The submission returns the proper windowed version of input time series of proper dimension listed in the notebook.

Correct!

Step 2: Create a simple RNN model for regression

The submission constructs an RNN model in keras with LSTM module of dimension defined in the notebook.

Correct!

Step 3: Clean up a large text corpus

The submission removes all non-english / non-punctuation characters. (English characters should include string.ascii_lowercase and punctuation includes [' ', '!', ',', '.', ':', ';', '?'] (space, exclamation mark, comma, period, colon, semicolon, question mark))

Correct!

Step 4: Implement a function to window a large text corpus

The submission returns the proper windowed version of input text of proper dimension listed in the notebook.

Correct!

Step 5: Create an RNN perform multiclass

The submission constructs an RNN model in keras with LSTM module of dimension defined in the notebook.
Correct!

Step 6: Generate text using a fully trained RNN

The submission presents examples of generated text from a trained RNN module. The majority of this generated text should consist of real english words.
Perfect! The majority of the generated text consists of real English words :)

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3 CODE REVIEW COMMENTS ›

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