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Back to Artificial Intelligence Nanodegree and Specializations

Recurrent Neural Networks

REVIEW



HISTORY

Meets Specifications

Great job getting everything all figured out and using the GPU. So much faster.

Project completed!

Heres a silly example of a huge dataset trained a bunch. A fellow Udacity student trained an RNN on the game of thrones book to generate the next chapters in the book.

 $https://motherboard.vice.com/en_us/article/evvq3n/game-of-thrones-winds-of-winter-neural-network$

Chapters and code here.

https://github.com/zackthoutt/got-book-6/tree/master/generated-book-v1

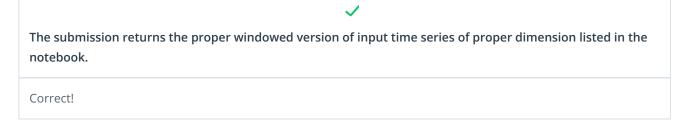
Files Submitted



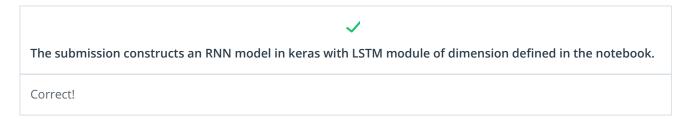
The submission includes all required file RNN_project_student_version.ipynb All code must be written ONLY in the TODO sections and no previous code should be modified.

Step 1: Implement a function to window time series

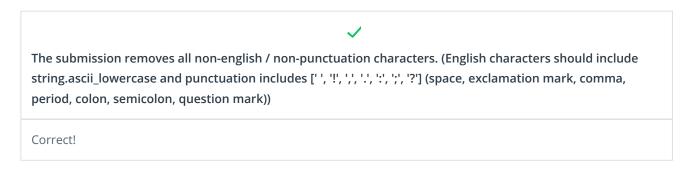
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Step 2: Create a simple RNN model for regression



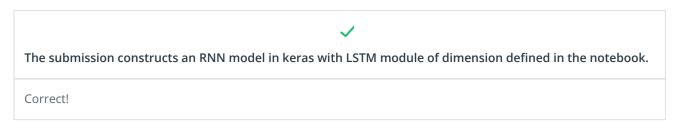
Step 3: Clean up a large text corpus



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



Step 5: Create an RNN perform multiclass



Step 6: Generate text using a fully trained RNN

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The submission presents examples of generated text from a trained RNN module. The majority of this generated text should consist of real english words.

Doesn't make any sense but definitely mostly English.

input chars =
 er excellent for drawing the veil from men s motives and actions. but for the
 trained reasoner to ad"

predicted chars =
 vertisement. have come that i have not seen his bring an looked upon his ha
 nd, and then with a pre"

input chars =
 en cocaine and ambition, the drowsiness of the drug, and the fierce energy of
 his own keen nature. h"

predicted chars =
 e was a lown enterupain surels ar which i had to note in the cases, and the l
 ight was stracted of a "

■ DOWNLOAD PROJECT

2 CODE REVIEW COMMENTS

RETURN TO PATH

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Student FAQ