Assignment 8 Sequence to Sequence Learning
COMP4901K and MATH 4824B
Fall 2020

Prerequisites

- You need to install the NLTK, Pandas, Numpy, Scipy, scikit-learn, tensorflow and keras packages

- You need to download the assignment8.zip from the canvas

1 Tasks

In the file named assignment8.py:

T1 Complete the code at line 91 to compute the encoder output.

T2 Complete the code at line 107 to compute the decoder output.

T3 Fill in the function seq2seq_predict_greedy to Use the input seq2seq model to generate sequences given input sequences using greedy search..

2 Submission

You need to submit **two** files, program output and your python script. After you finish the assignment, make sure you include your name and student ID in the beginning of your code.

\# author : Your_name

\# student_id : Your_student_ID

Copy all the program output to a text file named StudentID_assignment8_output.txt. Rename your python script solution as StudentID_assignment8.py. Zip them altogether and submit it to Canvas.

Similar with the previous assignments, there's no strict restrictions on the output formats. You could define your format.