

E0 334 - Deep Learning for NLP

Assignment 3

Validation set results due by 15th Oct, 09:59 PM,

Note: Use the following link for submitting your results of Assignment 3.

<https://forms.office.com/r/2s5tSmcH3N>

Problem:

In this assignment, you will design a neural architecture to solve simple arithmetic word problems. The problem can be treated as a machine translation problem from English language text to the language of arithmetic expressions. The output arithmetic expression (denoted as Equation in the data file) can be processed using the Input Numbers to produce the final Output.

The training dataset is available in the file 'ArithOps_Train' and the validation dataset is available in 'ArithOps_Validation'.

The test set will consist of the following information - Description, Question and Input Numbers. A sample test file, 'SampleTestFile', is provided for your reference. Your neural architecture is expected to generate a single number as an Output for every test set instance.