

Homework 3, Due 11:59 p.m., August 14, 2021

MPCS 53113: Natural Language Processing

Instructions:

- This assignment is designed to help you work at an advanced neural network based NLP task.
- Problems 1 is programming-based. For them, please run through and execute all of the cells of the attached Jupyter notebook and submit the notebook via Canvas.

1. (70 pts) **Neural Machine Translation with Transformer.** Using code and data provided in the attached notebook and files build a Transformer for language translation. See the notebook for details.