

Assignment 5

Advanced Machine Learning (CS566)

Department of CSE, IIT Patna

(Read all the instructions carefully and adhere to them.)

Date: 11-May-2020

Deadline:- 19-May-2020

Instructions:

1. Markings will be based on the correctness and soundness of the outputs.
2. Marks will be deducted in case of plagiarism.
3. Proper indentation and appropriate comments (if necessary) are mandatory.
4. You should zip all the required files and name the zip file as:
roll_no_of_all_group_members.zip, eg. *1501cs11_1201cs03_1621cs05.zip*.
5. Upload your assignment (the zip file) in the following link:

<https://www.dropbox.com/request/65hSbYCBiWjGezuaP9df>

For any queries regarding this assignment contact:

Dushyant Singh Chauhan (dushyantchauhan27@gmail.com)

Problem Statement: Given a parallel corpus (i.e., contains a collection of original texts in language L_1 and their translations into other languages L_2) and translate english text into hindi and hindi text into english.

Dataset: Download the parallel corpus from [here](#).

Method: *Encoder-decoder*

Evaluation Metrics: BLEU score (BLEU is an algorithm for evaluating the quality of text which has been machine-translated from one natural language to another.)