

# NLP Assignment 3

## Task1

English Corpus

Train Average Perplexity: 22.8

Test Average Perplexity: 272.7

French Corpus

Train Average Perplexity: 25.3

Test Average Perplexity: 82.0

The model learns and predicts well on the language model trained and tested on their respective languages.

## Task2

Blue Score

Train data: 0.10

Test data: 0.05

Implemented transfer learning where we have an encoder and decoder used to translate English to French. The model performs averagely.