

Neural Networks applied in NLP

Lab 3

N-gram Language Model:

1. (0.50p) Implement a generalized N-gram language model for the Romanian language, using a smoothing technique at your choice.
2. (0.25p) Compute the probability of a new sentence, given at input, using the n-gram model you developed.
3. (0,25p) Use a pre-trained neural language model to predict the next two words in a sequence of 4 words given as input.

Useful resource: <https://medium.com/mllearning-ai/an-illustration-of-next-word-prediction-with-state-of-the-art-network-architectures-like-bert-gpt-c0af02921f17>