

Review: Natural Language Processing

The field of Natural Language Processing refers to dealing with inputs that are sequences of "words"

- technically: tokens

Since Transformers are well-suited to sequences

- we shall see that the Transformer has revolutionized the field of NLP

Learning from text: Deep Learning for Natural Language Processing (NLP)

- [Natural Language Processing Overview \(NLP Overview.ipynb\)](#)
 - [NLP from github \(Colab\)](#)
(https://colab.research.google.com/github/kenperry-public/ML_Fall_2022/blob/master/Keras_examples_imdb_cnn.ipynb)
 - [NLP from github \(local machine\) \(Keras_examples_imdb_cnn.ipynb\)](#)

Evolution of Word representations

- [How to represent a word: syntax \(NLP Tokenization.ipynb\)](#)
- [How to represent a word: meaning_ \(NLP Word Representations.ipynb\)](#)

