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/kenperpublic/ML_Advanced_Spring_2024/blob/master/Keras_examples_imdb_cn](#)
    - [NLP from github (local machine) (Keras_examples_imdb_cnn.ipynb)](#)

Evolution of Word representations

- [How to represent a word: syntax (NLP_Tokenization.ipynb)](NLP_Tokenization.ipynb)
- [How to represent a word: meaning (NLP_Word_Representations.ipynb)](NLP_Word_Representations.ipynb)

```
In [1]: print("Done")
```

Done