

In the first step of a NLP project it is needed to build a dictionary and it involves choosing hyperparameters. The size of the dictionary is not necessarily equal to the document corpus dictionary. One thing that should be taken into consideration is that sentence lengths should be equal in a batch so sometimes padding is necessary. Another necessary step is word embedding which is a transformation from words' space to a vector space. Recurrent neural network models are very memory consuming and therefore it is problematic when working with other kind of data rather than texts.