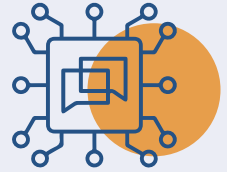


Stemming:

Stemming is a linguistic process aimed at removing suffixes and prefixes from words, reducing them to their root or stem. It is commonly utilized in natural language processing (NLP) to enhance computer programs' understanding of text.



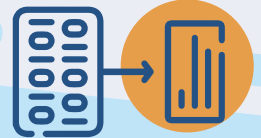
Natural Language Processing (NLP):

Natural Language Processing refers to the ability of computer programs to understand and interpret human language. In the context of the text, it involves techniques like stemming to improve the processing of textual information.



Lemmatization:

Lemmatization is a linguistic method similar to stemming but with a distinction. It employs dictionaries to identify the base or lemma of a word, providing more accurate results by grouping variations into a base term.



SEO (Search Engine Optimization):

Search Engine Optimization is a crucial aspect of enhancing a website's visibility on search engines. In the context of the text, stemming, as part of NLP, can be employed to improve search functions on a website, contributing to SEO efforts.

Algorithm:

An algorithm is a set of instructions or rules followed by a computer to perform a specific task. Natural language processing algorithms, including stemming, play a significant role in processing and understanding textual content for various applications, such as search algorithms.

