


5 POPULAR MACHINE LEARNING LIBRARIES FOR NLP

1

Natural Language Toolkit (NLTK)



NLTK, a widely used open-source library for NLP tasks, provides a diverse set of tools for tokenization, part-of-speech tagging, parsing, sentiment analysis, and more.

2

spaCy

Renowned for its superior performance and efficient handling of extensive text data, spaCy is an open-source library that facilitates tasks such as tokenization, part-of-speech tagging, parsing, named-entity recognition, and more.

3

TextBlob

With a user-friendly API, TextBlob simplifies common NLP tasks like sentiment analysis, part-of-speech tagging, and noun phrase extraction. It's built on top of NLTK, offering an accessible interface for everyday NLP needs.

4

Gensim

Primarily geared toward topic modeling and natural language processing, Gensim equips users with the tools necessary for constructing and training topic models like Latent Dirichlet Allocation (LDA) and Latent Semantic Analysis (LSA).

5

scikit-learn

Although not exclusively an NLP library, scikit-learn offers a set of NLP tools for text preprocessing, feature extraction, and classification algorithms tailored for text data.

Continue learning!

Get hands-on with all of these popular technologies to access the in-demand NLP and Gen AI skills!