

TP n° 1

Exercise 01: *NLP Tools*

Objective: Understand and explore various tools used in Natural Language Processing.

- Development Environments
 - Jupyter Notebooks, Google Colab, Kaggle, VS Code
- Programming Language
 - Python
- Libraries and Frameworks
 - NLTK (Natural Language Toolkit), spaCy, Gensim, Stanford CoreNLP, TextBlob, Word Cloud, Transformers

Q1) In a table Describe the role of each Libraries and Frameworks.

Q2) In your Environment install all of them.

Q3) Add other Libraries you think that are essential tools for NLP.

Exercise 02: *NLP Pipeline*

Objective: Understand the steps of an NLP pipeline

Q1) list all the steps to make a processing on given text datasets.

Q2) What are the modules or Libraries responsible for each step?