Sentiment Analysis of French Text Data

In [3]:
```python
import nltk
```

The natural language toolkit is a python library that we are importing to conduct experiments with natural language data

In [4]:
```python
pip install vaderSentiment-fr
```

```
  File "/var/folders/rr/t_73jcq165n0mpjk7_2tr0100000gn/T/ipykernel_14241/1597021199.py", line 1
    pip install vaderSentiment-fr
               ^
SyntaxError: invalid syntax
```

VADER is used in text sentiment analysis to determine how negative/positive a text is. VADER is a rule based model, so when importing it, we are importing a dictionary of words that have been awarded a score based on the emotion associated with it.

In [ ]:
```python
from vaderSentiment_fr.vaderSentiment import SentimentIntensityAnalyzer
```

From the Vader package, we are now importing a futher package which analyses the strength of postive and negative emotions in the text.

In [ ]:
```python
pip install python-Levenshtein
```

Levelshtein is a further packaged required for interpreting french data

In [ ]:
```python
SIA = SentimentIntensityAnalyzer()
```

SIA is the variable name as shorthand

In [ ]:
```python
message_textfr = '''Comme vous, je suis très frustré par ce processus. J'essaie sincèrement d'être aussi raisonnable qu
```