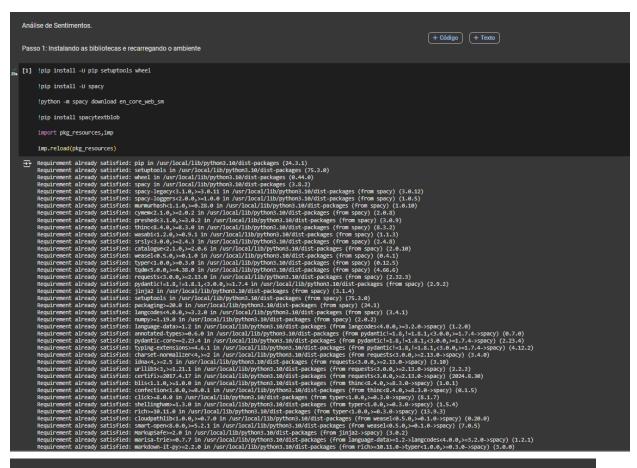


## Missão Prática | Nível 4 | Mundo 5

Dando inteligência ao software



## Passo 2: Importando as bibliotecas para análise de sentimento

[2] import spacy

from spacytextblob.spacytextblob import SpacyTextBlob

```
Passo 3: Definindo o modelo e a pipeline a serem utilizadas na análise
  [4] nlp = spacy.load('en_core_web_sm')
          nlp.add_pipe('spacytextblob')
         <spacytextblob.spacytextblob.SpacyTextBlob at 0x7dfac1e95360>
 Passo 4: Definindo o texto inicial a ser analisado para verificação/validação da biblioteca
 [6] user_input = 'This is a wonderful campsite. I loved the serenity and the birds chirping in the morning.'
      doc = nlp(user_input)
 Passo 5: Exibindo o resultado da primeira análise (um range entre -1 [avaliação negativa] e 1 [avaliação positiva]
 input_polarity = doc._.polarity
      sentiment = {
           'score': input_polarity
      print(sentiment)
 → {'score': 0.0625}
Passo 6: Definindo a lista de tweets a serem analisadas
• tweets-["Bayer Leverkusen goalkeeper Bernd Leno will not be going to Napoli. His agent Uli Ferber to Bild: I can confirm that there were negotiations with Napoli, which we have broken off. Napoli is not a
```

```
Passo 7: Analisando os tweets

for item in tweets:

doc = nlp(item)

input_polarity = doc.__polarity

sentiment = {

    "tweet: item,
    "score": input_polarity

}

print(sentiment)

T('tweet: Bayes Leverkusen gallkeepen Bernd Leno will not be going to Napoli. His agent Uli Ferber to Bild: I can confirm that there were negotiations with Napoli, which we have broken off. I ('tweet: 'Sgary Seped' w Blackburn at St James in 2001/02 anyone? MREC SPEL #120 Mechaldum', 'score': 0.0)

('tweet: 'Sgary Seped' w Blackburn at St James in 2001/02 anyone? MREC SPEL #120 Mechaldum', 'score': 0.0)

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('tweet: 'Sgary Seped' w Blackburn at St James in 2001/02 anyone? MREC SPEL *120 Mechaldum', 'score': 0.0)

('tweet: 'Sgary Seped' w Blackburn at St James in 2001/02 anyone? MREC SPEL *120 Mechaldum', 'score': 0.0)

('tweet: 'Sgary Seped' w Blackburn at St James in 2001/02 and spel mechaldum', 'score': 0.0)

('tweet: 'Sgary Seped' w Blackburn at St James in 2001/02 and spel mechaldum', 'score': 0.0)

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('tweet: 'Sgary Seped' w Blackburn at St James in 2001/02 and spel mechaldum', 'score': 0.0)

('tweet: 'Sgary Seped' w Blackburn at St James in 2001/02 and spel mechaldum', 'score': 0.0)

('tweet: 'Sgary Sepd' w Blackburn at St James in 2001/02 and spel mens day or some kopite with nothing better to dol @ALAMPYERSMEDIA', 'tweet': 'Sg
```