

Descrição

Este projeto realiza a análise de sentimentos de tweets, utilizando o pipeline de NLP (Natural Language Processing) do spaCy e o pacote spacytextblob para calcular a polaridade de cada tweet. A polaridade varia de -1 (extremamente negativa) a 1 (extremamente positiva).

Funcionalidades

Análise de Sentimentos

- Para cada tweet, o modelo spaCy processa o texto e utiliza o spacytextblob para calcular a polaridade (sentimento) do tweet.
- O resultado final é um dicionário que contém o tweet (truncado se for maior que 45 caracteres) e sua respectiva pontuação de polaridade.

Missao Pratica

Resultado

+ Código + Texto

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Pogba scores, Pogba assists. But tomorrow papers won't be telling you this, instead they will tell you how he'll end up at Juve because he's unhappy, frustrated, have grudges with Mourinho and so on...
"@westHamUtd we need to keep @CH14_ and get @HirvingLozano70 to compliment",
"@kevdev9 @Everton Shouldn't be happening! Needs to stay away with his venomous attitude until he is sold!",
"@brfootball @aguerosergiokun @ManCity What a genius. Pep taking winning mentality with him, conquering league after league. Baller",
"@HMZ0709 Can we get a RT for our #lfc Mo Salah Liverpool Enamel Pin Badge"
]

for tweet in tweets:
    doc = nlp(tweet)
    input_polarity = doc._.blob.polarity

    truncated_tweet = tweet if len(tweet) <= 45 else tweet[:45] + '...'

    sentiment = {
        'tweet': truncated_tweet,
        'score': input_polarity
    }

    print(sentiment)

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{'tweet': 'Bayer Leverkusen goalkeeper Bernd Leno will n...', 'score': -0.030555555555555575}
{'tweet': 'Gary Speed v Blackburn at St James in 2001/02...', 'score': 0.0}
{'tweet': '@ChelseaFC Don't make him regret it and start...', 'score': 0.0}
{'tweet': '@LiverpoolFF @AnfieldEdition He's a liar, mad...', 'score': 0.21428571428571427}
{'tweet': '@theesk @Everton Didn't realise Kenwright is ...', 'score': 0.0625}
{'tweet': '@hasanshabbaz19 @LFC My knowledge has decreas...', 'score': -0.28333333333333334}
{'tweet': 'Report: Linked with #Everton and #Wolves, Ita...', 'score': 0.0}
{'tweet': 'Am seeing tweets that there's been a fall out...', 'score': 0.3125}
{'tweet': '@LFC @officialAL20 @IntChampionsCup @ManUtd E...', 'score': -0.4}
{'tweet': '@MartinO'Donnell7 @azryahmad @Boren D @Mathevl...', 'score': -0.041666666666666666}
{'tweet': 'What a weekend of football results! @ManUtd @...', 'score': 0.0}
{'tweet': '@ChelseaFC For the first time in a long while...', 'score': 0.39218749999999997}
{'tweet': '@ChelseaFC @CesarAzpi What a fantastic signi...', 'score': 0.20952380952380953}
{'tweet': 'Pogba scores, Pogba assists. But tomorrow pap...', 'score': -0.6499999999999999}
{'tweet': '@westHamUtd we need to keep @CH14_ and get @H...', 'score': 0.0}
{'tweet': '@kevdev9 @Everton Shouldn't be happening! Nee...', 'score': 0.0}
{'tweet': '@brfootball @aguerosergiokun @ManCity What a ...', 'score': 0.5}
{'tweet': '@HMZ0709 Can we get a RT for our #lfc Mo Sal...', 'score': 0.0}

```